

## 2008-2009 Influenza Season Week 22 ending June 6, 2009

*All data are preliminary and may change as more reports are received.*

**Synopsis:** During week 22 (May 31 – June 6, 2009), influenza activity decreased in the United States, however, there are still higher levels of influenza-like illness than is normal for this time of year.

- Two thousand six hundred eighty-one (40.2%) specimens tested by U.S. World Health Organization (WHO) and National Respiratory and Enteric Virus Surveillance System (NREVSS) collaborating laboratories and reported to CDC/Influenza Division were positive for influenza.
- Approximately 89% of all influenza viruses being reported to CDC were novel influenza A (H1N1) viruses.
- The proportion of deaths attributed to pneumonia and influenza (P&I) was below the epidemic threshold.
- Three influenza-associated pediatric deaths were reported; two were associated with novel influenza A (H1N1) virus infection and one was associated with seasonal influenza A (H1N1) virus infection.
- The proportion of outpatient visits for influenza-like illness (ILI) was below the national baseline. Two of the 10 surveillance regions reported ILI above their region-specific baseline.
- Eight states reported geographically widespread influenza activity, nine states reported regional influenza activity, the District of Columbia, Puerto Rico, and 15 states reported local influenza activity, 17 states reported sporadic influenza activity, and one state did not report.

### National and Regional Summary of Select Surveillance Components

HHS Surveillance Regions*	Data for current week			Data cumulative for the season						
	Out- patient ILI†	% positive for flu‡	Number of jurisdictions reporting regional or widespread activity§	A (H1)	A (H3)	Novel A H1N1	A (could not be sub- typed)¶	A (Un- sub- typed)	B	Pediatric Deaths
<b>Nation</b>	Normal	40.2%	17 of 52	7,650	2,088	9,139	952	12,829	10,303	70
<b>Region I</b>	Elevated	34.5%	4 of 6	520	151	1,232	13	1,173	800	1
<b>Region II</b>	Elevated	31.1%	2 of 3	277	135	467	16	1,339	710	9
<b>Region III</b>	Normal	50.8%	3 of 6	1,237	204	815	558	644	1,359	9
<b>Region IV</b>	Normal	13.0%	2 of 8	828	117	211	37	1,791	1,202	6
<b>Region V</b>	Normal	44.6%	1 of 6	1,653	183	4,322	123	526	1,305	11
<b>Region VI</b>	Normal	14.5%	1 of 5	748	145	701	5	4,058	2,583	14
<b>Region VII</b>	Normal	10.9%	0 of 4	497	59	145	98	446	529	0
<b>Region VIII</b>	Normal	23.9%	1 of 6	471	211	679	57	1,489	493	6
<b>Region IX</b>	Normal	10.4%	3 of 4	1,045	600	390	13	1,027	658	13
<b>Region X</b>	Normal	20.9%	0 of 4	374	283	177	32	336	664	1

\* HHS regions (Region I: CT, ME, MA, NH, RI, VT; Region II: NJ, NY, Puerto Rico, US Virgin Islands; Region III: DE, DC, MD, PA, VA, WV; Region IV: AL, FL, GA, KY, MS, NC, SC, TN; Region V: IL, IN, MI, MN, OH, WI; Region VI: AR, LA, NM, OK, TX; Region VII: IA, KS, MO, NE; Region VIII: CO, MT, ND, SD, UT, WY; Region IX: AZ, CA, Guam, HI, NV; and Region X: AK, ID, OR, WA)

† Elevated means the % of visits for ILI is at or above the national or region-specific baseline

‡ National data are for current week; regional data are for the most recent three weeks

§ Includes all 50 states, the District of Columbia, and Puerto Rico

¶ The majority of influenza A viruses that cannot be sub-typed as seasonal influenza viruses are novel A (H1N1) influenza viruses upon further testing

**U.S. Virologic Surveillance:** WHO and NREVSS collaborating laboratories located in all 50 states and Washington D.C. report to CDC the number of respiratory specimens tested for influenza.

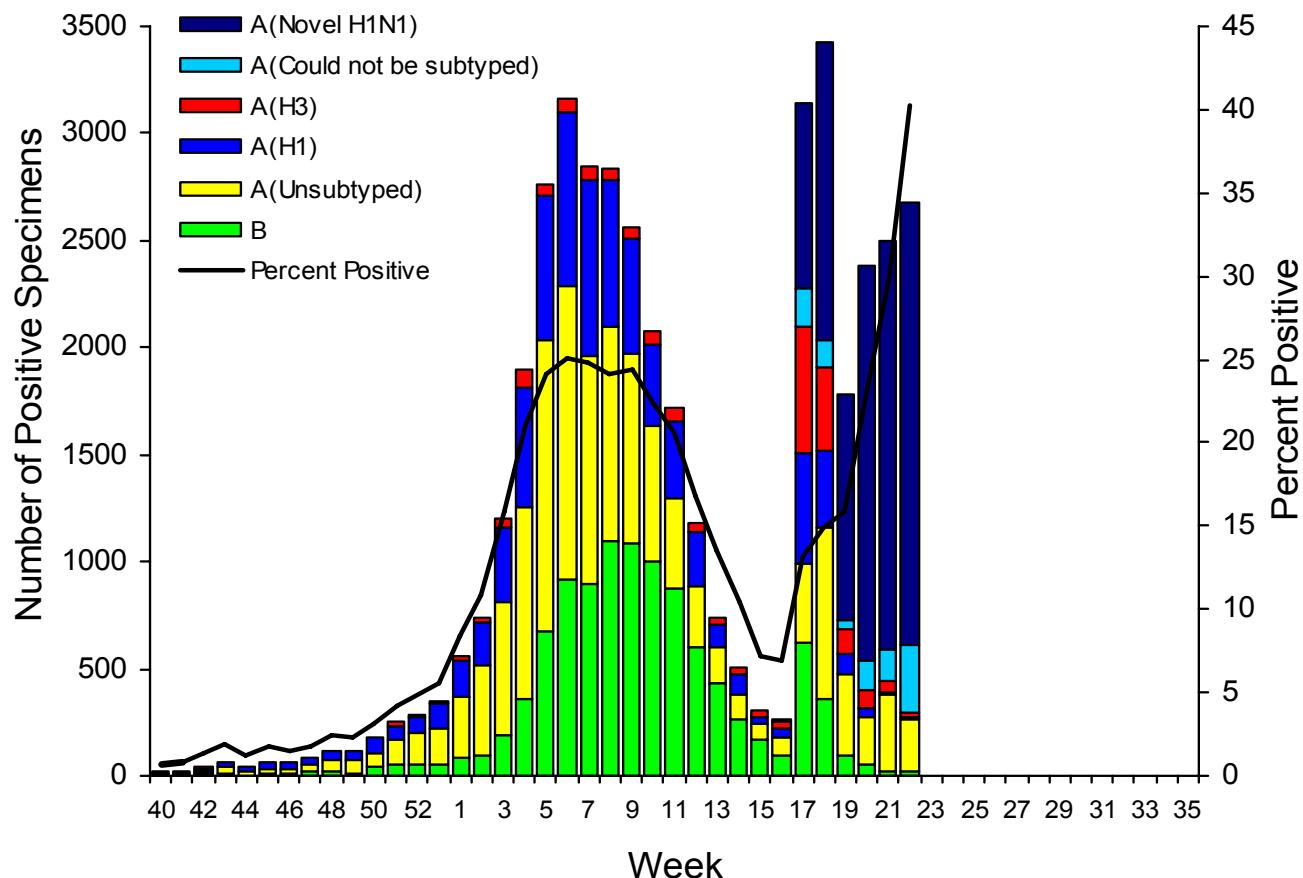
During the 2008-09 season, influenza A (H1), A (H3), and B viruses have co-circulated in the United States. On April 15 and 17, 2009, CDC confirmed the first two cases novel influenza A (H1N1) virus in the United States. As of June 12, 2009, 17,855 confirmed and probable infections with novel influenza A (H1N1) virus have been identified by CDC and state and local public health departments. Reporting of novel influenza A (H1N1) viruses by U.S. WHO collaborating laboratories began during week 17 (week ending May 2, 2009). The results of tests performed during the current week are summarized in the table below.

	<b>Week 22</b>
<b>No. of specimens tested</b>	6,664
<b>No. of positive specimens (%)</b>	2,681 (40.2%)
<b>Positive specimens by type/subtype</b>	
Influenza A	2,663 (99.3%)
A (H1)	9 (0.3%)
A (H3)	22 (0.8%)
A (unsubtyped)	246 (9.2%)
A (could not be subtyped)	315 (11.8%)
A (novel influenza H1N1)	2,071 (77.8%)
Influenza B	18 (0.7%)

During week 22, seasonal influenza A (H1), A (H3), and B viruses co-circulated at low levels with novel influenza A (H1N1). Approximately 89% of all influenza viruses being reported to CDC this week are novel influenza A (H1N1) viruses.

The increase in the percentage of specimens testing positive for influenza by WHO and NREVSS collaborating laboratories may be due in part to changes in testing practices by health care providers, triaging of specimens by public health laboratories, an increase in the number of specimens collected from outbreaks, and other factors.

## Influenza Positive Tests Reported to CDC by U.S. WHO/NREVSS Collaborating Laboratories, National Summary, 2008-09



**Antigenic Characterization:** CDC has antigenically characterized 1,626 seasonal human influenza viruses [947 influenza A (H1), 162 influenza A (H3) and 517 influenza B viruses] collected by U.S. laboratories since October 1, 2008, and 125 novel influenza A (H1N1) viruses.

All 947 influenza seasonal A (H1) viruses are related to the influenza A (H1N1) component of the 2008-09 influenza vaccine (A/Brisbane/59/2007). All 162 influenza A (H3N2) viruses are related to the A (H3N2) vaccine component (A/Brisbane/10/2007).

All 125 novel influenza A (H1N1) viruses are related to the A/California/07/2009 (H1N1) reference virus selected by WHO as a potential candidate for novel influenza A (H1N1) vaccine.

Influenza B viruses currently circulating can be divided into two distinct lineages represented by the B/Yamagata/16/88 and B/Victoria/02/87 viruses. Sixty-five influenza B viruses tested belong to the B/Yamagata lineage and are related to the vaccine strain (B/Florida/04/2006). The remaining 452 viruses belong to the B/Victoria lineage and are not related to the vaccine strain.

Data on antigenic characterization should be interpreted with caution given that antigenic characterization data is based on hemagglutination inhibition (HI) testing using a panel of reference ferret antisera and results may not correlate with clinical protection against circulating viruses provided by influenza vaccination.

Annual influenza vaccination is expected to provide the best protection against those virus strains that are related to the vaccine strains, but limited to no protection may be expected when the vaccine and circulating virus strains are so different as to be from different lineages, as is seen with the two lineages of influenza B viruses. Antigenic characterization of novel influenza A (H1N1) viruses indicates that these viruses are antigenically and genetically unrelated to seasonal influenza A (H1N1) viruses, suggesting that little to no protection would be expected from vaccination with seasonal influenza vaccine.

**Antiviral Resistance:** Since October 1, 2008, 975 seasonal influenza A (H1N1), 169 influenza A (H3N2), and 508 influenza B viruses have been tested for resistance to the neuraminidase inhibitors (oseltamivir and zanamivir). Nine hundred eighty-one seasonal influenza A (H1N1) and 172 influenza A (H3N2) viruses have been tested for resistance to the adamantanes (amantadine and rimantadine). One hundred eighty-four novel influenza A (H1N1) viruses have been tested for resistance to the neuraminidase inhibitors (oseltamivir and zanamivir). One hundred forty-one novel influenza A (H1N1) viruses have been tested for resistance to the adamantanes (amantadine and rimantadine). The results of antiviral resistance testing performed on these viruses are summarized in the table below.

	Isolates tested (n)	Resistant Viruses, Number (%)		Isolates tested (n)	Resistant Viruses, Number (%)
		Oseltamivir	Zanamivir		Adamantanes
<b>Seasonal Influenza A (H1N1)</b>	975	970 (99.5%)	0 (0)	981	5 (0.5%)
<b>Influenza A (H3N2)</b>	169	0 (0)	0 (0)	172	172 (100%)
<b>Influenza B</b>	508	0 (0)	0 (0)	N/A*	N/A*
<b>Novel Influenza A (H1N1)</b>	184	0 (0)	0 (0)	141	141 (100%)

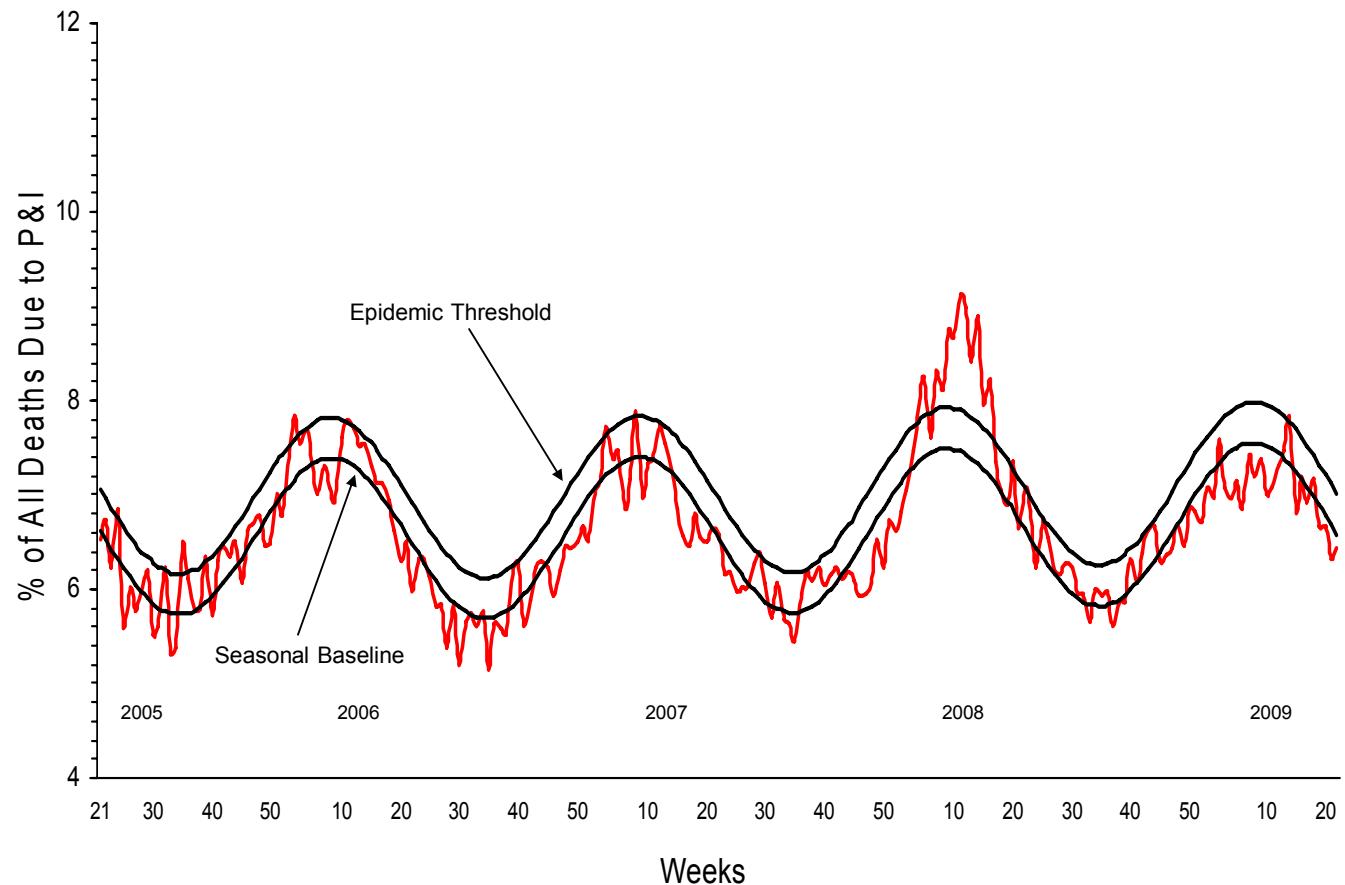
\*The adamantanes (amantadine and rimantadine) are not effective against influenza B viruses.

Antiviral treatment with either oseltamivir or zanamivir is recommended for all patients with confirmed, probable or suspected cases of novel influenza A (H1N1) virus infection who are hospitalized or who are at higher risk for seasonal influenza complications. The novel influenza A (H1N1) virus is susceptible to both neuraminidase inhibitor antiviral medications zanamivir and oseltamivir. It is resistant to the adamantane antiviral medications, amantadine and rimantadine. Additional information on antiviral recommendations for treatment and chemoprophylaxis of novel influenza A (H1N1) infection is available at <http://www.cdc.gov/h1n1flu/recommendations.htm>

In areas that continue to have seasonal influenza activity, especially those with circulation of oseltamivir-resistant seasonal human influenza A (H1N1) viruses, clinicians might prefer to use either zanamivir or a combination of oseltamivir and either rimantadine or amantadine to provide adequate empiric treatment or chemoprophylaxis for patients who might have seasonal human influenza A (H1N1) virus infection.

**Pneumonia and Influenza (P&I) Mortality Surveillance:** During week 22, 6.4% of all deaths reported through the 122-Cities Mortality Reporting System were due to P&I. This percentage is below the epidemic threshold of 7.0% for week 22.

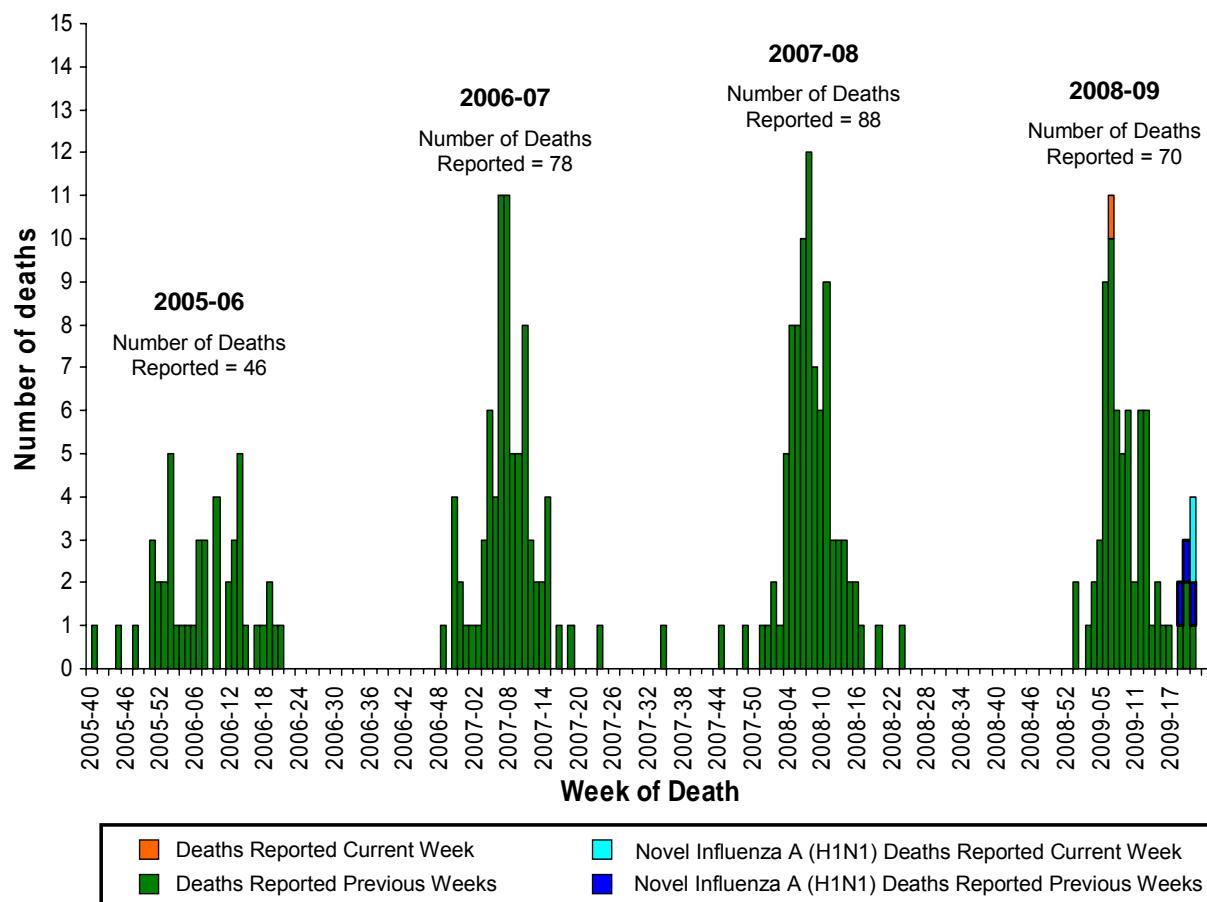
### Pneumonia and Influenza Mortality for 122 U.S. Cities Week ending 6/6/2009



**Influenza-Associated Pediatric Mortality:** Three influenza-associated pediatric deaths were reported to CDC during week 22 (New York City, Oklahoma, and Texas). Two of these deaths were associated with infections with novel influenza A (H1N1) viruses and one was due to seasonal influenza A (H1N1). The deaths reported this week occurred between February 15, 2009 and May 30, 2009. Since September 28, 2008, CDC has received 70 reports of influenza-associated pediatric deaths that occurred during the current influenza season, five of which were due to confirmed novel influenza A (H1N1) virus infections.

Of the 34 children who had specimens collected for bacterial culture from normally sterile sites, 14 (41.2%) were positive; *Staphylococcus aureus* was identified in nine (64.3%) of the 14 children. One of the three children with confirmed novel influenza A (H1N1) infection had a specimen collected from a normally sterile site; bacterial cultures were negative. Four of the *S. aureus* isolates were sensitive to methicillin and five were methicillin resistant. Twelve (85.7%) of the 14 children with bacterial coinfections were five years of age or older and 10 (71.4%) of the 14 children were 12 years of age or older. An increase in the number of influenza-associated pediatric deaths with bacterial coinfections was first recognized during the 2006-07 influenza season. In January 2008, interim testing and reporting recommendations were released regarding influenza and bacterial coinfections in children and are available at (<http://www2a.cdc.gov/HAN/ArchiveSys/ViewMsgV.asp?AlertNum=00268>).

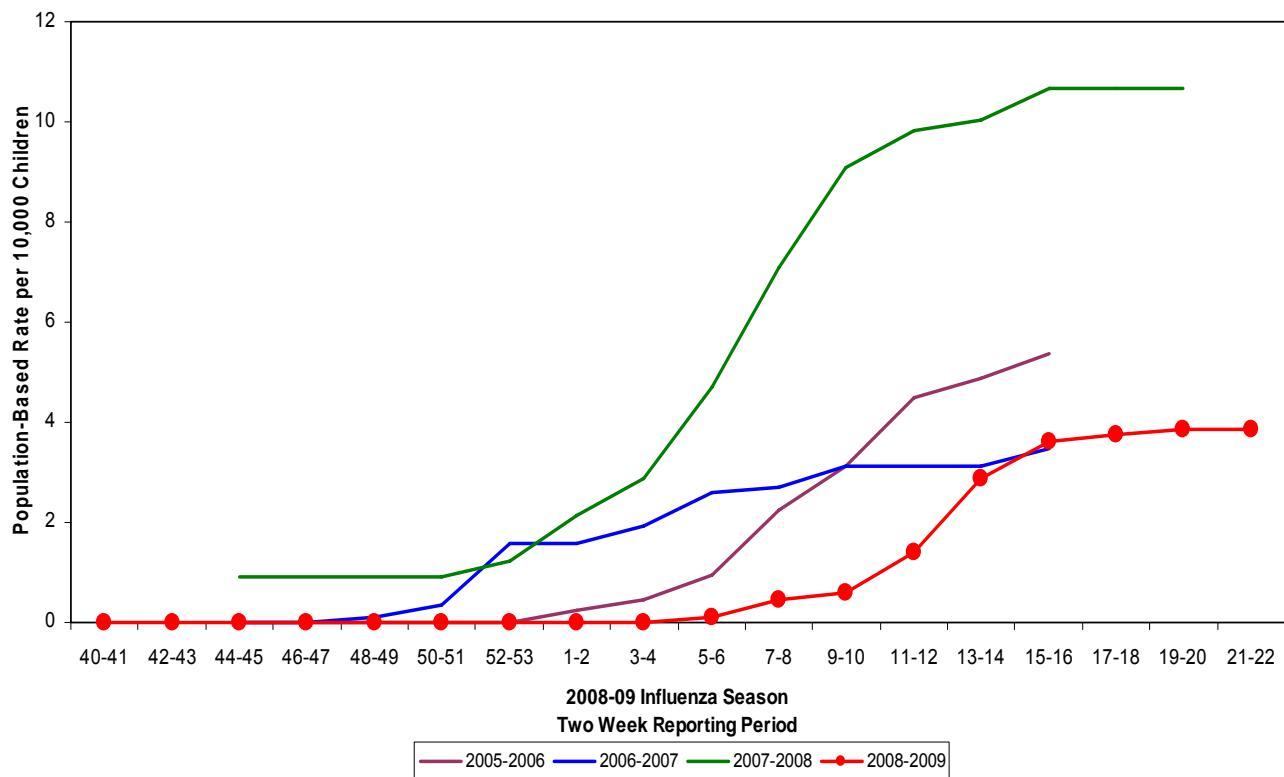
### Number of Influenza-Associated Pediatric Deaths by Week of Death: 2005-06 season to present



**Influenza-Associated Hospitalizations:** Laboratory-confirmed influenza-associated hospitalizations are monitored in two population-based surveillance networks: the New Vaccine Surveillance Network (NVSN) and the Emerging Infections Program (EIP).

During October 12, 2008 to May 30, 2009, the preliminary laboratory-confirmed influenza-associated hospitalization rate for children 0-4 years old in the NVSN was 3.85 per 10,000. Because of case identification methods utilized in this study, there is a delay from the date of hospitalization to the date of report.

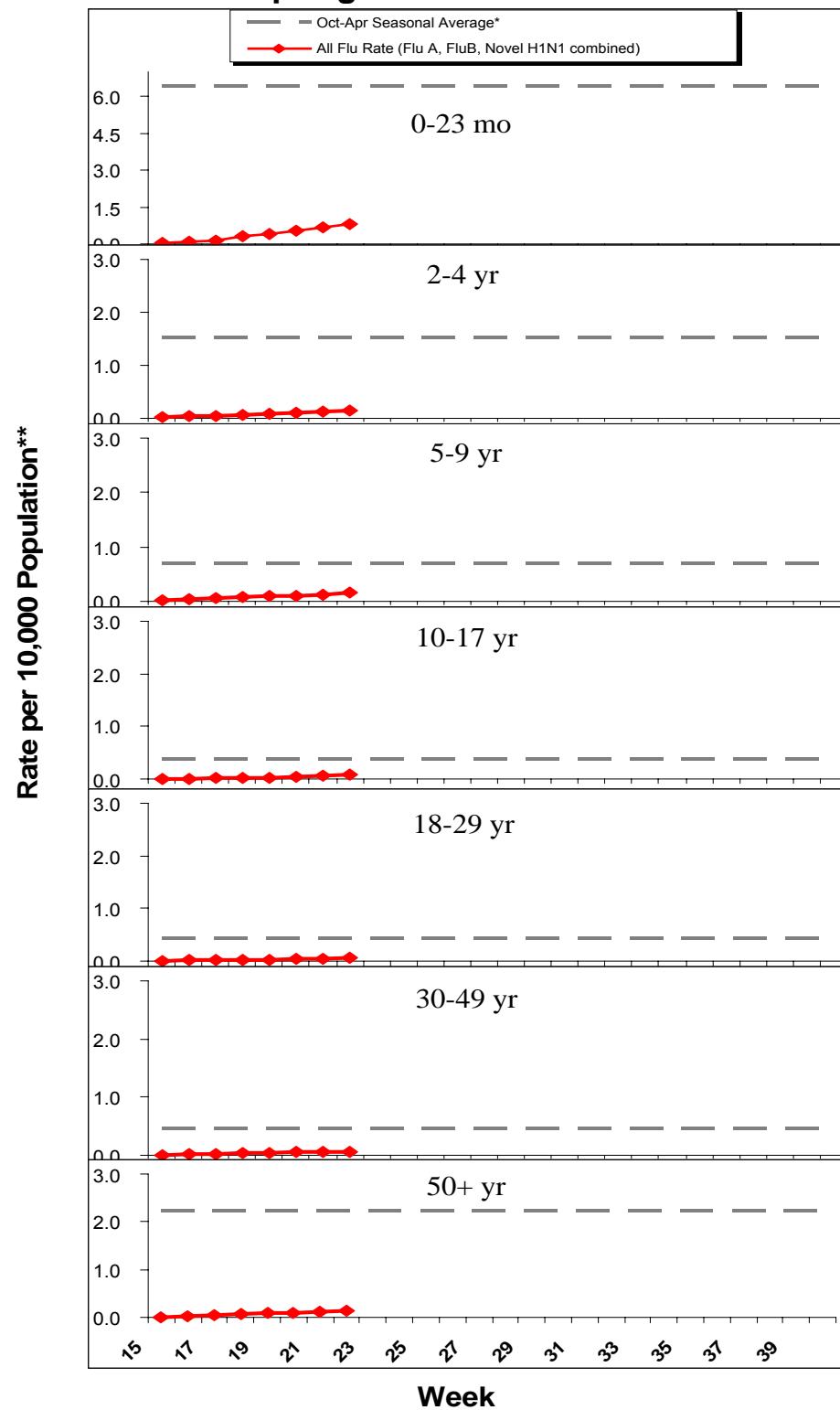
### NVSN Influenza Laboratory-Confirmed Cumulative Hospitalization Rates for Children 0 - 4 Years, 2008-09 and Previous Three Seasons



During April 15, 2009 – June 6, 2009, the following preliminary laboratory-confirmed overall influenza associated hospitalization rates were reported by the EIP (*rates include type A, type B, and confirmed Novel H1N1*):

Rates for children aged 0-23 months, 2-4 years, 5-9 years, and 10-17 years were 0.8, 0.1, 0.2, and 0.08 per 10,000, respectively. Rates for adults aged 18-29 years, 30-49 years, and  $\geq 50$  years, the overall flu rates were 0.06, 0.06, and 0.1 per 10,000, respectively.

## EIP Influenza Laboratory-Confirmed Cumulative Hospitalization Rates, Spring/Summer 2009

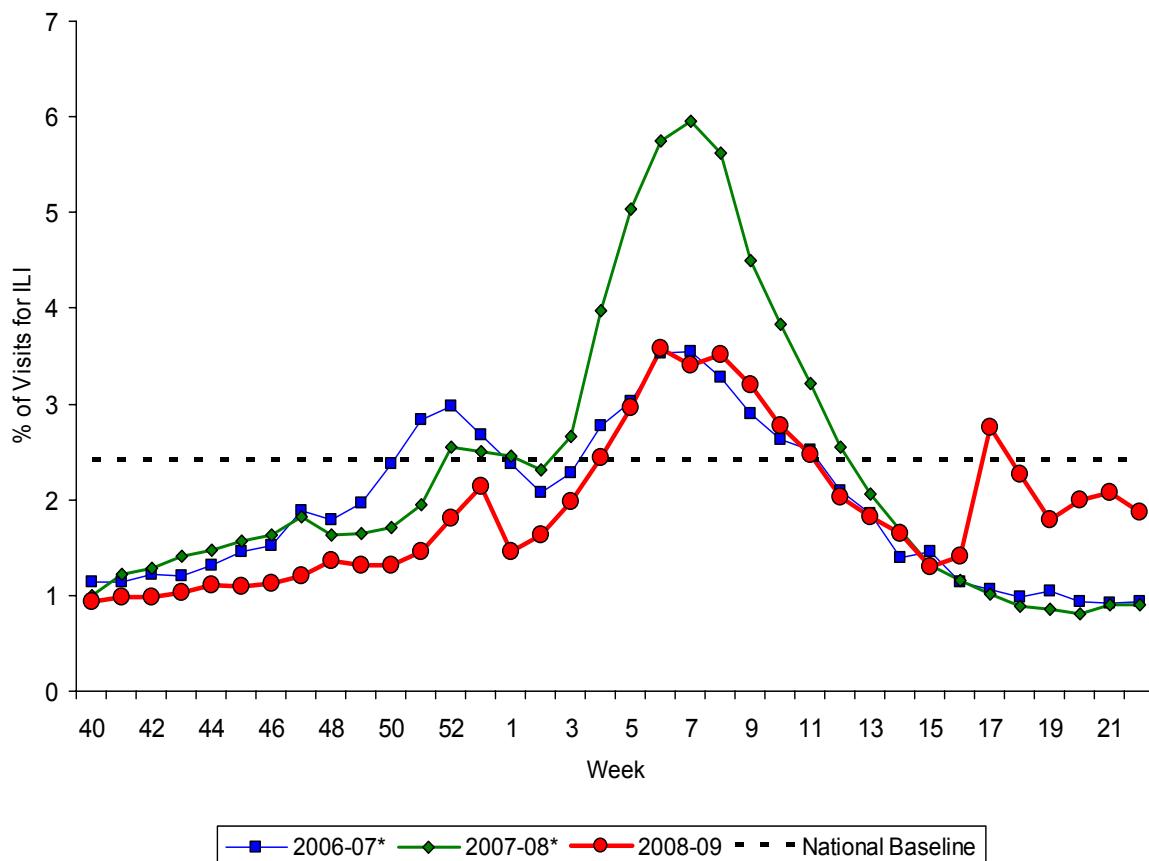


\*This value represents an age group-specific average influenza rate from October 1 to April 30 from the 2005-06, 2006-07, and 2007-08 influenza seasons.

\*\*Note: The scale for the 0-23 month age group differs from other age groups.

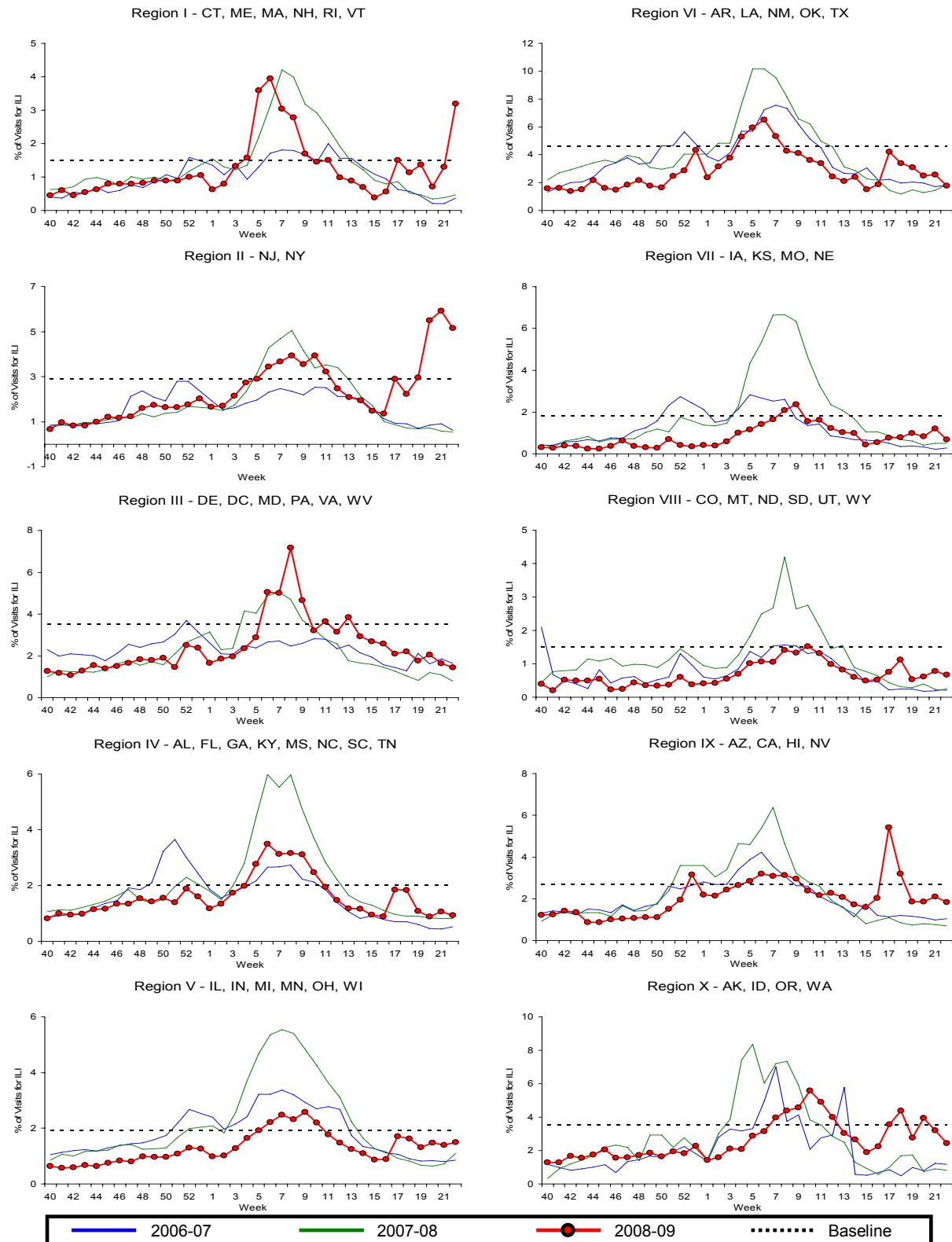
**Outpatient Illness Surveillance:** Nationwide during week 22, 1.9% of patient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to influenza-like illness (ILI). This percentage is below the national baseline of 2.4%.

### Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), National Summary, 2008-09 and Previous Two Seasons



\*There was no week 53 during the 2006-07 and 2007-08 seasons, therefore the week 53 data point for those seasons is an average of weeks 52 and 1.

On a regional level, the percentage of outpatient visits for ILI ranged from 0.7% to 5.2%. Two of the 10 surveillance regions reported an ILI percentage above their region specific baseline (Regions I and II). ILI decreased during week 22 in eight of 10 regions compared to week 21.



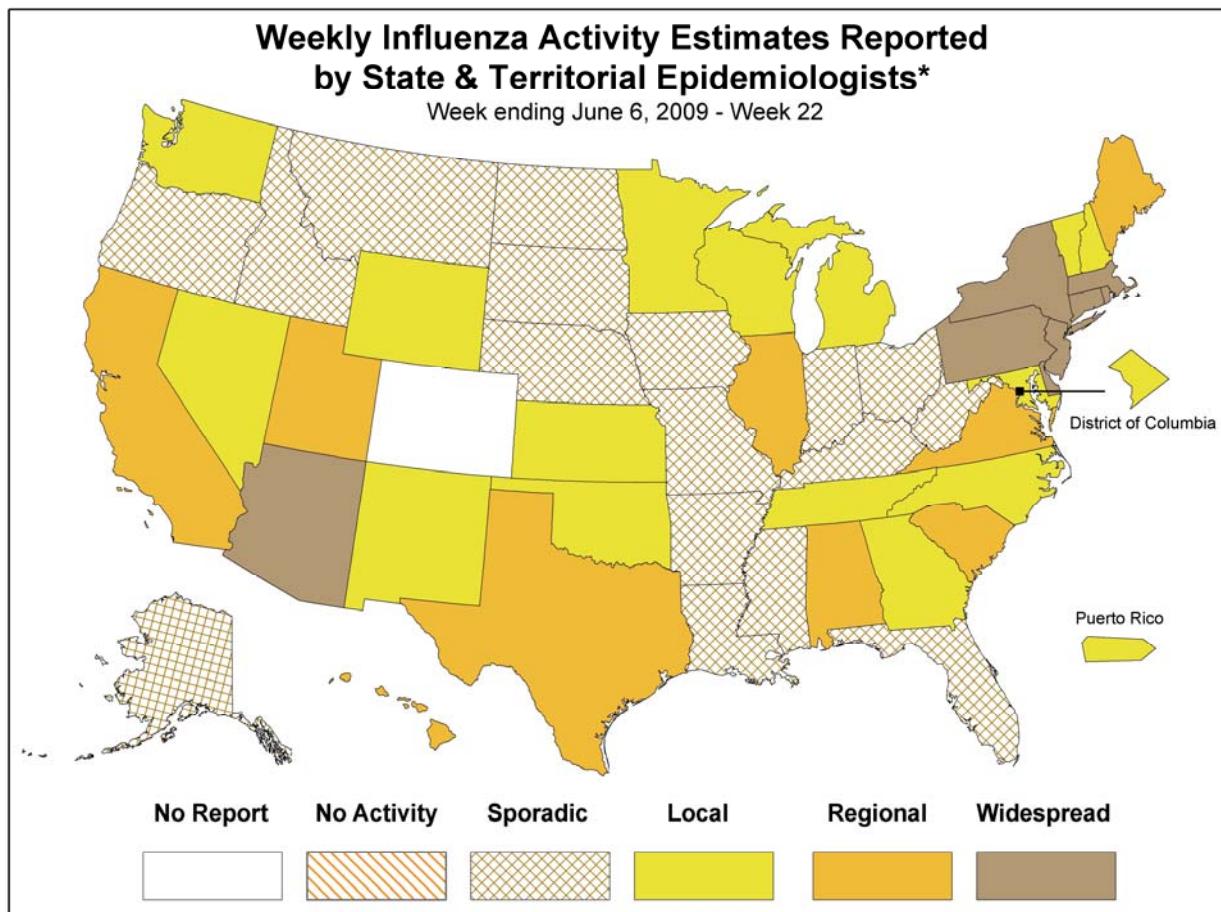
NOTE: Scales differ between regions

NOTE: There was no week 53 during the 2006-07 and 2007-08 seasons, therefore the week 53 data point for those seasons is an average of weeks 52 and 1.

**Geographic Spread of Influenza as Assessed by State and Territorial Epidemiologists:** The influenza activity reported by state and territorial epidemiologists indicates geographic spread of both seasonal influenza and novel influenza A (H1N1) viruses and does not measure the severity of influenza activity.

During week 22, the following influenza activity was reported:

- Widespread influenza activity was reported by eight states (Arizona, Connecticut, Delaware, Massachusetts, New Jersey, New York, Pennsylvania, and Rhode Island).
  - Regional influenza activity was reported by nine states (Alabama, California, Hawaii, Illinois, Maine, South Carolina, Texas, Utah, and Virginia).
  - Local influenza activity was reported by the District of Columbia, Puerto Rico, and 15 states (Georgia, Kansas, Maryland, Michigan, Minnesota, Nevada, New Hampshire, New Mexico, North Carolina, Oklahoma, Tennessee, Vermont, Washington, Wisconsin, and Wyoming).
  - Sporadic activity was reported by 17 states (Alaska, Arkansas, Florida, Idaho, Indiana, Iowa, Kentucky, Louisiana, Mississippi, Missouri, Montana, Nebraska, North Dakota, Ohio, Oregon, South Dakota, and West Virginia).
  - One state did not report (Colorado).



\* This map indicates geographic spread & does not measure the severity of influenza activity

A description of surveillance methods is available at: <http://www.cdc.gov/flu/weekly/fluactivity.htm>

Report prepared: June 12, 2009.

**WHO Collaborating Laboratory Reports**  
**2008-09 Influenza Season**  
**Update: Friday, June 12, 2009**  
**Summary for All Regions**

CDC Week	No. of Reporting Laboratories	No. of Specimens Tested	No. (%) of Specimens Positive for Influenza	Positive specimens by Type/Subtype				
				A(H1)	A(H3)	A/H1SWINE	AUNSUB	A-Unk
200840	120	2606	17 ( 0.65 )	3	0	0	0	8 6
200841	118	2635	23 ( 0.87 )	5	4	0	0	8 6
200842	120	2747	37 ( 1.35 )	13	3	0	0	15 6
200843	122	3198	60 ( 1.88 )	22	0	0	0	24 14
200844	122	3320	41 ( 1.23 )	12	3	0	0	21 5
200845	124	3922	68 ( 1.73 )	32	2	0	0	23 11
200846	125	4146	62 ( 1.50 )	25	2	0	0	23 12
200847	127	4541	82 ( 1.81 )	27	1	0	0	31 23
200848	124	4636	112 ( 2.42 )	40	1	0	0	47 24
200849	124	5356	120 ( 2.24 )	43	6	0	0	57 14
200850	126	5788	183 ( 3.16 )	71	9	0	0	66 37
200851	125	6057	256 ( 4.23 )	73	19	0	0	108 56
200852	127	5830	287 ( 4.92 )	71	12	0	0	153 51
200853	123	6314	353 ( 5.59 )	115	19	0	0	171 48
200901	124	6702	560 ( 8.36 )	165	27	0	0	285 83
200902	125	6831	741 ( 10.85 )	199	22	0	0	423 97
200903	124	7609	1202 ( 15.80 )	349	44	0	0	623 186
200904	126	9017	1894 ( 21.00 )	559	78	0	0	898 359
200905	126	11467	2759 ( 24.06 )	675	52	0	0	1359 673
200906	126	12593	3162 ( 25.11 )	816	63	0	0	1367 916
200907	125	11503	2847 ( 24.75 )	819	65	0	1	1068 894
200908	124	11730	2837 ( 24.19 )	678	59	0	0	1002 1098
200909	123	10500	2567 ( 24.45 )	537	58	0	0	883 1089
200910	119	9269	2074 ( 22.38 )	373	63	0	0	636 1002
200911	118	8304	1716 ( 20.66 )	354	63	0	0	425 874
200912	121	7017	1184 ( 16.87 )	258	41	0	0	281 604
200913	115	5423	735 ( 13.55 )	109	26	0	0	166 434
200914	114	4805	504 ( 10.49 )	88	31	0	1	125 259
200915	109	4240	306 ( 7.22 )	37	28	0	1	73 167
200916	106	3783	264 ( 6.98 )	40	31	13	3	79 98
200917	115	23929	3141 ( 13.13 )	524	588	862	180	368 619
200918	106	23046	3425 ( 14.86 )	365	390	1390	123	801 355
200919	101	11202	1783 ( 15.92 )	94	116	1052	43	384 94
200920	94	10166	2386 ( 23.47 )	39	94	1851	129	222 50
200921	92	8380	2494 ( 29.76 )	11	46	1900	156	360 21
200922	74	6664	2681 ( 40.23 )	9	22	2071	315	246 18
<b>Totals</b>	4234	275276	42963 ( 15.61 )	7650	2088	9139	952	12829 10303

**WHO Collaborating Laboratory Reports**  
**2008-2009 Influenza Season**  
**Update: Friday, June 12, 2009**  
**Summary by Region**

**HHS Region 1 (CT, ME, MA, NH, RI, VT)**

CDC Week	No. of Reporting Laboratories	No. of Specimens Tested	No. (%) of Specimens Positive for Influenza	Positive specimens by Type / Subtype						
				A(H1)	AH3	AH1SWINE	AUNSUB	AUNK	B	
200840	7	160	0 ( 0.00 )	0	0	0	0	0	0	0
200841	7	167	0 ( 0.00 )	0	0	0	0	0	0	0
200842	7	177	0 ( 0.00 )	0	0	0	0	0	0	0
200843	7	200	0 ( 0.00 )	0	0	0	0	0	0	0
200844	8	227	1 ( 0.44 )	0	1	0	0	0	0	0
200845	8	250	1 ( 0.40 )	0	0	0	0	0	0	1
200846	7	248	0 ( 0.00 )	0	0	0	0	0	0	0
200847	8	313	0 ( 0.00 )	0	0	0	0	0	0	0
200848	7	318	5 ( 1.57 )	0	0	0	0	0	4	1
200849	8	362	0 ( 0.00 )	0	0	0	0	0	0	0
200850	8	436	7 ( 1.61 )	2	2	0	0	0	2	1
200851	8	488	6 ( 1.23 )	2	1	0	0	0	1	2
200852	9	438	11 ( 2.51 )	4	0	0	0	0	7	0
200853	9	490	13 ( 2.65 )	3	1	0	0	0	8	1
200901	9	563	19 ( 3.37 )	6	2	0	0	0	8	3
200902	9	546	45 ( 8.24 )	11	0	0	0	0	32	2
200903	9	658	77 ( 11.70 )	16	5	0	0	0	45	11
200904	9	866	158 ( 18.24 )	43	4	0	0	0	92	19
200905	9	1072	243 ( 22.67 )	52	2	0	0	0	155	34
200906	9	1501	454 ( 30.25 )	106	18	0	0	0	205	125
200907	9	1460	413 ( 28.29 )	79	18	0	0	0	188	128
200908	9	1415	273 ( 19.29 )	63	7	0	0	0	108	95
200909	8	954	196 ( 20.55 )	26	3	0	0	0	81	86
200910	9	921	179 ( 19.44 )	30	5	0	0	0	60	84
200911	9	709	105 ( 14.81 )	13	6	0	0	0	25	61
200912	8	683	78 ( 11.42 )	11	2	0	0	0	20	45
200913	8	586	52 ( 8.87 )	4	0	0	0	0	11	37
200914	8	502	38 ( 7.57 )	5	0	0	0	0	9	24
200915	7	384	14 ( 3.65 )	4	0	0	0	0	3	7
200916	7	344	20 ( 5.81 )	2	1	1	0	0	5	11
200917	7	1402	157 ( 11.20 )	23	34	73	3	10	14	
200918	7	1465	121 ( 8.26 )	12	19	76	9	1	4	
200919	7	816	110 ( 13.48 )	2	7	93	0	5	3	
200920	7	1015	287 ( 28.28 )	1	7	272	0	7	0	
200921	7	1048	346 ( 33.02 )	0	5	321	0	19	1	
200922	6	1109	460 ( 41.48 )	0	1	396	1	62	0	
<b>Totals</b>	285	24293	3889 ( 16.01 )	520	151	1232	13	1173	800	

**WHO Collaborating Laboratory Reports**  
**2008-2009 Influenza Season**  
**Update: Friday, June 12, 2009**  
**Summary by Region**

**HHS Region 2 (NJ, NY)**

CDC Week	No. of Reporting Laboratories	No. of Specimens Tested	No. (%) of Specimens Positive for Influenza	Positive specimens by Type / Subtype						
				A(H1)	AH3	AH1SWINE	AUNSUB	AUNK	B	
200840	12	432	0 ( 0.00 )	0	0	0	0	0	0	0
200841	11	342	1 ( 0.29 )	0	0	0	0	1	0	0
200842	12	380	0 ( 0.00 )	0	0	0	0	0	0	0
200843	12	414	1 ( 0.24 )	0	0	0	0	0	0	1
200844	13	444	1 ( 0.23 )	0	0	0	0	0	1	0
200845	13	586	0 ( 0.00 )	0	0	0	0	0	0	0
200846	13	485	1 ( 0.21 )	0	0	0	0	0	1	0
200847	13	559	0 ( 0.00 )	0	0	0	0	0	0	0
200848	13	632	4 ( 0.63 )	0	0	0	0	0	1	3
200849	13	716	3 ( 0.42 )	0	0	0	0	0	2	1
200850	13	866	15 ( 1.73 )	9	0	0	0	0	3	3
200851	13	936	17 ( 1.82 )	4	1	0	0	0	10	2
200852	12	845	21 ( 2.49 )	0	0	0	0	0	19	2
200853	12	977	34 ( 3.48 )	4	1	0	0	0	27	2
200901	12	927	59 ( 6.36 )	12	1	0	0	0	44	2
200902	13	940	83 ( 8.83 )	7	2	0	0	0	67	7
200903	13	1097	129 ( 11.76 )	34	5	0	0	0	69	21
200904	13	1185	190 ( 16.03 )	29	1	0	0	0	119	41
200905	13	1583	279 ( 17.62 )	33	7	0	0	0	165	74
200906	13	1554	159 ( 10.23 )	19	1	0	0	0	84	55
200907	12	925	162 ( 17.51 )	31	4	0	0	0	73	54
200908	12	928	175 ( 18.86 )	32	5	0	0	0	58	80
200909	11	774	135 ( 17.44 )	15	2	0	0	0	50	68
200910	10	632	118 ( 18.67 )	8	3	0	0	0	43	64
200911	11	631	110 ( 17.43 )	9	8	0	0	0	37	56
200912	11	637	99 ( 15.54 )	3	1	0	0	0	46	49
200913	12	596	70 ( 11.74 )	5	2	0	0	0	25	38
200914	11	478	49 ( 10.25 )	1	5	0	0	0	21	22
200915	11	430	36 ( 8.37 )	0	2	0	0	0	17	17
200916	10	262	13 ( 4.96 )	0	1	6	3	1	2	
200917	10	1068	223 ( 20.88 )	17	45	88	1	42	30	
200918	11	586	122 ( 20.82 )	2	13	82	1	12	11	
200919	9	545	82 ( 15.05 )	1	10	38	9	23	1	
200920	8	711	207 ( 29.11 )	1	6	80	2	114	4	
200921	9	814	231 ( 28.38 )	1	4	90	0	136	0	
200922	5	259	116 ( 44.79 )	0	5	83	0	28	0	
<b>Totals</b>	415	26176	2945 ( 11.25 )	277	135	467	16	1339	710	

**WHO Collaborating Laboratory Reports**  
**2008-2009 Influenza Season**  
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**Summary by Region**

**HHS Region 3 (DE, DC, MD, PA, VA, WV)**

CDC Week	No. of Reporting Laboratories	No. of Specimens Tested	No. (%) of Specimens Positive for Influenza	Positive specimens by Type / Subtype						
				A(H1)	AH3	AH1SWINE	AUNSUB	AUNK	B	
200840	11	239	0 ( 0.00 )	0	0	0	0	0	0	0
200841	10	233	1 ( 0.43 )	0	0	0	0	0	0	1
200842	10	232	0 ( 0.00 )	0	0	0	0	0	0	0
200843	10	272	2 ( 0.74 )	1	0	0	0	0	0	1
200844	10	315	4 ( 1.27 )	1	0	0	0	0	1	2
200845	11	342	1 ( 0.29 )	1	0	0	0	0	0	0
200846	11	415	1 ( 0.24 )	1	0	0	0	0	0	0
200847	10	396	2 ( 0.51 )	0	0	0	0	0	0	2
200848	11	347	1 ( 0.29 )	0	0	0	0	0	1	0
200849	10	475	2 ( 0.42 )	1	1	0	0	0	0	0
200850	11	426	9 ( 2.11 )	8	0	0	0	0	1	0
200851	11	463	20 ( 4.32 )	10	3	0	0	0	4	3
200852	11	481	15 ( 3.12 )	7	0	0	0	0	5	3
200853	10	518	12 ( 2.32 )	2	1	0	0	0	7	2
200901	10	572	45 ( 7.87 )	25	7	0	0	0	6	7
200902	11	618	56 ( 9.06 )	33	3	0	0	0	15	5
200903	11	610	76 ( 12.46 )	40	7	0	0	0	13	16
200904	11	724	145 ( 20.03 )	75	5	0	0	0	29	36
200905	11	825	203 ( 24.61 )	87	3	0	0	0	39	74
200906	11	1012	333 ( 32.91 )	171	4	0	0	0	68	90
200907	11	1034	375 ( 36.27 )	168	12	0	0	0	70	125
200908	11	1079	389 ( 36.05 )	138	2	0	0	0	92	157
200909	11	1013	381 ( 37.61 )	115	15	0	0	0	87	164
200910	11	904	322 ( 35.62 )	74	4	0	0	0	68	176
200911	11	891	323 ( 36.25 )	81	6	0	0	0	50	186
200912	11	728	171 ( 23.49 )	37	2	0	0	0	29	103
200913	10	551	127 ( 23.05 )	34	4	0	0	0	7	82
200914	11	468	71 ( 15.17 )	18	4	0	0	0	11	38
200915	10	300	20 ( 6.67 )	5	0	0	0	0	5	10
200916	11	356	28 ( 7.87 )	6	1	1	0	0	2	18
200917	11	1570	189 ( 12.04 )	65	36	45	7	3	33	
200918	10	1303	151 ( 11.59 )	15	30	51	33	4	18	
200919	11	790	127 ( 16.08 )	7	20	80	12	2	6	
200920	10	840	245 ( 29.17 )	5	17	125	92	6	0	
200921	9	811	336 ( 41.43 )	0	13	193	121	9	0	
200922	8	739	634 ( 85.79 )	6	4	320	293	10	1	
<b>Totals</b>	379	22892	4817 ( 21.04 )	1237	204	815	558	644	1359	

**WHO Collaborating Laboratory Reports**  
**2008-2009 Influenza Season**  
**Update: Friday, June 12, 2009**  
**Summary by Region**

**HHS Region 4 (AL, FL, GA, KY, MS, NC, SC, TN)**

CDC Week	No. of Reporting Laboratories	No. of Specimens Tested	No. (%) of Specimens Positive for Influenza	Positive specimens by Type / Subtype						
				A(H1)	AH3	AH1SWINE	AUNSUB	AUNK	B	
200840	25	438	4 ( 0.91 )	0	0	0	0	2	2	
200841	25	472	0 ( 0.00 )	0	0	0	0	0	0	
200842	26	548	8 ( 1.46 )	0	0	0	0	7	1	
200843	27	645	8 ( 1.24 )	0	0	0	0	6	2	
200844	27	673	8 ( 1.19 )	0	0	0	0	6	2	
200845	26	719	8 ( 1.11 )	0	0	0	0	7	1	
200846	27	767	13 ( 1.69 )	2	0	0	0	6	5	
200847	27	752	21 ( 2.79 )	2	0	0	0	11	8	
200848	26	722	18 ( 2.49 )	0	0	0	0	6	12	
200849	27	844	20 ( 2.37 )	1	0	0	0	13	6	
200850	25	861	19 ( 2.21 )	2	0	0	0	9	8	
200851	26	830	31 ( 3.73 )	4	0	0	0	13	14	
200852	27	836	39 ( 4.67 )	5	0	0	0	12	22	
200853	27	771	28 ( 3.63 )	2	1	0	0	16	9	
200901	25	861	60 ( 6.97 )	9	0	0	0	27	24	
200902	25	833	64 ( 7.68 )	9	3	0	0	41	11	
200903	26	865	89 ( 10.29 )	22	3	0	0	44	20	
200904	26	1006	142 ( 14.12 )	37	4	0	0	68	33	
200905	26	1290	251 ( 19.46 )	74	10	0	0	109	58	
200906	25	1648	341 ( 20.69 )	82	3	0	0	172	84	
200907	25	1642	368 ( 22.41 )	99	3	0	0	183	83	
200908	25	1917	422 ( 22.01 )	93	5	0	0	205	119	
200909	24	1695	343 ( 20.24 )	56	0	0	0	171	116	
200910	24	1587	273 ( 17.20 )	35	1	0	0	122	115	
200911	25	1392	288 ( 20.69 )	79	1	0	0	91	117	
200912	25	1198	201 ( 16.78 )	59	3	0	0	52	87	
200913	22	836	79 ( 9.45 )	8	0	0	0	38	33	
200914	24	743	75 ( 10.09 )	14	0	0	0	28	33	
200915	22	633	40 ( 6.32 )	5	0	0	0	16	19	
200916	21	544	25 ( 4.60 )	0	0	0	0	21	4	
200917	21	2362	212 ( 8.98 )	29	14	9	26	61	73	
200918	21	2517	262 ( 10.41 )	68	23	26	6	89	50	
200919	20	1204	131 ( 10.88 )	21	14	36	4	45	11	
200920	19	954	83 ( 8.70 )	5	20	38	0	6	14	
200921	19	817	123 ( 15.06 )	4	3	64	1	49	2	
200922	13	490	89 ( 18.16 )	2	6	38	0	39	4	
<b>Totals</b>	871	36912	4186 ( 11.34 )	828	117	211	37	1791	1202	

**WHO Collaborating Laboratory Reports**  
**2008-2009 Influenza Season**  
**Update: Friday, June 12, 2009**  
**Summary by Region**

**HHS Region 5 (IL, IN, MI, MN, OH, WI)**

CDC Week	No. of Reporting Laboratories	No. of Specimens Tested	No. (%) of Specimens Positive for Influenza	Positive specimens by Type / Subtype						
				A(H1)	AH3	AH1SWINE	AUNSUB	AUNK	B	
200840	11	142	0 ( 0.00 )	0	0	0	0	0	0	0
200841	10	141	2 ( 1.42 )	1	0	0	0	0	0	1
200842	11	136	0 ( 0.00 )	0	0	0	0	0	0	0
200843	13	185	10 ( 5.41 )	2	0	0	0	0	4	4
200844	13	177	0 ( 0.00 )	0	0	0	0	0	0	0
200845	13	208	6 ( 2.88 )	2	0	0	0	0	1	3
200846	13	142	0 ( 0.00 )	0	0	0	0	0	0	0
200847	14	242	4 ( 1.65 )	1	0	0	0	0	1	2
200848	13	178	2 ( 1.12 )	2	0	0	0	0	0	0
200849	14	281	10 ( 3.56 )	8	2	0	0	0	0	0
200850	16	268	9 ( 3.36 )	6	2	0	0	0	1	0
200851	13	277	20 ( 7.22 )	10	6	0	0	0	1	3
200852	14	274	29 ( 10.58 )	17	4	0	0	0	5	3
200853	13	328	45 ( 13.72 )	36	3	0	0	0	3	3
200901	14	362	64 ( 17.68 )	38	7	0	0	0	9	10
200902	14	403	82 ( 20.35 )	53	3	0	0	0	15	11
200903	13	440	123 ( 27.95 )	91	4	0	0	0	16	12
200904	14	515	184 ( 35.73 )	119	10	0	0	0	28	27
200905	13	655	243 ( 37.10 )	160	3	0	0	0	26	54
200906	14	608	269 ( 44.24 )	172	5	0	0	0	12	80
200907	15	677	309 ( 45.64 )	167	5	0	0	0	38	99
200908	14	827	351 ( 42.44 )	159	4	0	0	0	39	149
200909	16	847	394 ( 46.52 )	145	6	0	0	0	49	194
200910	14	799	351 ( 43.93 )	113	5	0	0	0	64	169
200911	12	629	208 ( 33.07 )	49	0	0	0	0	43	116
200912	13	535	157 ( 29.35 )	45	0	0	0	0	22	90
200913	14	457	107 ( 23.41 )	21	1	0	0	0	12	73
200914	11	368	72 ( 19.57 )	16	0	0	0	1	8	47
200915	12	304	39 ( 12.83 )	7	1	0	0	1	1	29
200916	12	284	20 ( 7.04 )	5	1	4	0	0	0	10
200917	14	4377	724 ( 16.54 )	128	59	362	75	29	71	
200918	13	4207	813 ( 19.32 )	44	29	654	21	40	25	
200919	14	2824	607 ( 21.49 )	22	8	551	0	14	12	
200920	14	2736	995 ( 36.37 )	9	8	949	10	11	7	
200921	11	1864	937 ( 50.27 )	5	5	900	7	20	0	
200922	12	1808	927 ( 51.27 )	0	2	902	8	14	1	
<b>Totals</b>	474	29505	8113 ( 27.50 )	1653	183	4322	123	526	1305	

**WHO Collaborating Laboratory Reports**  
**2008-2009 Influenza Season**  
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**Summary by Region**

**HHS Region 6 (AR, LA, NM, OK, TX)**

CDC Week	No. of Reporting Laboratories	No. of Specimens Tested	No. (%) of Specimens Positive for Influenza	Positive specimens by Type / Subtype						
				A(H1)	AH3	AH1SWINE	AUNSUB	AUNK	B	
200840	16	360	3 ( 0.83 )	0	0	0	0	3	0	0
200841	16	417	4 ( 0.96 )	0	0	0	0	4	0	0
200842	15	368	6 ( 1.63 )	0	0	0	0	3	3	
200843	14	417	9 ( 2.16 )	0	0	0	0	4	5	
200844	14	488	8 ( 1.64 )	2	0	0	0	6	0	
200845	13	618	11 ( 1.78 )	5	0	0	0	2	4	
200846	15	783	20 ( 2.55 )	6	0	0	0	8	6	
200847	15	946	25 ( 2.64 )	7	0	0	0	9	9	
200848	15	1055	34 ( 3.22 )	5	0	0	0	23	6	
200849	15	1182	41 ( 3.47 )	8	0	0	0	28	5	
200850	15	1307	73 ( 5.59 )	12	0	0	0	37	24	
200851	15	1361	111 ( 8.16 )	17	0	0	0	66	28	
200852	15	1377	126 ( 9.15 )	14	1	0	0	91	20	
200853	14	1526	129 ( 8.45 )	21	1	0	0	80	27	
200901	15	1623	188 ( 11.58 )	30	1	0	0	126	31	
200902	15	1600	270 ( 16.88 )	35	0	0	0	184	51	
200903	15	2010	498 ( 24.78 )	68	7	0	0	336	87	
200904	14	2347	736 ( 31.36 )	100	20	0	0	453	163	
200905	15	3618	1156 ( 31.95 )	115	10	0	0	712	319	
200906	15	3597	1080 ( 30.03 )	86	2	0	0	608	384	
200907	14	2827	671 ( 23.74 )	54	1	0	0	327	289	
200908	15	2654	585 ( 22.04 )	44	6	0	0	226	309	
200909	14	2263	445 ( 19.66 )	38	3	0	0	182	222	
200910	14	1682	312 ( 18.55 )	17	6	0	0	94	195	
200911	14	1373	160 ( 11.65 )	11	2	0	0	53	94	
200912	15	1050	84 ( 8.00 )	5	2	0	0	34	43	
200913	14	761	44 ( 5.78 )	1	0	0	0	12	31	
200914	14	623	25 ( 4.01 )	1	0	0	0	17	7	
200915	13	666	9 ( 1.35 )	1	0	0	0	5	3	
200916	12	540	18 ( 3.33 )	0	0	0	0	13	5	
200917	12	5872	365 ( 6.22 )	30	38	122	5	80	90	
200918	12	5984	379 ( 6.33 )	10	30	157	0	97	85	
200919	12	2260	246 ( 10.88 )	2	12	161	0	43	28	
200920	9	1415	242 ( 17.10 )	3	3	203	0	27	6	
200921	11	896	102 ( 11.38 )	0	0	50	0	50	2	
200922	8	235	25 ( 10.64 )	0	0	8	0	15	2	
<b>Totals</b>	499	58101	8240 ( 14.18 )	748	145	701	5	4058	2583	

**WHO Collaborating Laboratory Reports**  
**2008-2009 Influenza Season**  
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**Summary by Region**

**HHS Region 7 (IA, KS, MO, NE)**

CDC Week	No. of Reporting Laboratories	No. of Specimens Tested	No. (%) of Specimens Positive for Influenza	Positive specimens by Type / Subtype						
				A(H1)	AH3	AH1SWINE	AUNSUB	AUNK	B	
200840	8	203	0 ( 0.00 )	0	0	0	0	0	0	0
200841	8	212	0 ( 0.00 )	0	0	0	0	0	0	0
200842	8	240	0 ( 0.00 )	0	0	0	0	0	0	0
200843	8	229	0 ( 0.00 )	0	0	0	0	0	0	0
200844	8	280	0 ( 0.00 )	0	0	0	0	0	0	0
200845	9	337	0 ( 0.00 )	0	0	0	0	0	0	0
200846	9	369	0 ( 0.00 )	0	0	0	0	0	0	0
200847	9	391	0 ( 0.00 )	0	0	0	0	0	0	0
200848	10	390	0 ( 0.00 )	0	0	0	0	0	0	0
200849	9	483	2 ( 0.41 )	2	0	0	0	0	0	0
200850	8	470	3 ( 0.64 )	2	0	0	0	0	1	0
200851	8	526	5 ( 0.95 )	0	1	0	0	4	0	0
200852	8	442	5 ( 1.13 )	0	2	0	0	2	1	1
200853	9	479	10 ( 2.09 )	2	4	0	0	3	1	1
200901	8	528	9 ( 1.70 )	5	0	0	0	1	3	0
200902	8	534	19 ( 3.56 )	9	3	0	0	5	2	0
200903	8	564	29 ( 5.14 )	13	1	0	0	13	2	0
200904	8	667	79 ( 11.84 )	43	5	0	0	16	15	0
200905	8	653	112 ( 17.15 )	54	3	0	0	33	22	0
200906	8	736	146 ( 19.84 )	68	6	0	0	39	33	0
200907	8	777	161 ( 20.72 )	81	0	0	1	32	47	0
200908	8	666	160 ( 24.02 )	34	0	0	0	78	48	0
200909	9	709	156 ( 22.00 )	18	1	0	0	73	64	0
200910	8	631	115 ( 18.23 )	12	0	0	0	43	60	0
200911	8	574	116 ( 20.21 )	20	1	0	0	29	66	0
200912	8	470	64 ( 13.62 )	11	0	0	0	12	41	0
200913	7	370	49 ( 13.24 )	6	3	0	0	13	27	0
200914	7	341	22 ( 6.45 )	3	3	0	0	5	11	0
200915	7	323	29 ( 8.98 )	2	0	0	0	4	23	0
200916	7	326	14 ( 4.29 )	4	0	0	0	4	6	0
200917	10	1462	158 ( 10.81 )	58	9	26	31	8	26	0
200918	7	1290	148 ( 11.47 )	41	2	52	19	10	24	0
200919	5	401	34 ( 8.48 )	8	1	14	4	3	4	0
200920	5	550	56 ( 10.18 )	1	10	20	15	9	1	0
200921	6	305	39 ( 12.79 )	0	2	19	17	1	0	0
200922	5	324	34 ( 10.49 )	0	2	14	11	5	2	0
<b>Totals</b>	282	18252	1774 ( 9.72 )	497	59	145	98	446	529	0

**WHO Collaborating Laboratory Reports**  
**2008-2009 Influenza Season**  
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**Summary by Region**

**HHS Region 8 (CO, MT, ND, SD, UT, WY)**

CDC Week	No. of Reporting Laboratories	No. of Specimens Tested	No. (%) of Specimens Positive for Influenza	Positive specimens by Type / Subtype						
				A(H1)	AH3	AH1SWINE	AUNSUB	AUNK	B	
200840	12	101	2 ( 1.98 )	0	0	0	0	1	1	1
200841	12	126	3 ( 2.38 )	0	0	0	0	1	2	
200842	12	151	2 ( 1.32 )	0	1	0	0	1	0	
200843	12	131	0 ( 0.00 )	0	0	0	0	0	0	
200844	12	191	1 ( 0.52 )	0	1	0	0	0	0	
200845	12	227	3 ( 1.32 )	0	0	0	0	2	1	
200846	12	230	1 ( 0.43 )	0	0	0	0	1	0	
200847	11	291	5 ( 1.72 )	1	1	0	0	3	0	
200848	11	229	5 ( 2.18 )	0	1	0	0	4	0	
200849	12	309	12 ( 3.88 )	1	2	0	0	7	2	
200850	12	340	12 ( 3.53 )	3	4	0	0	5	0	
200851	13	416	14 ( 3.37 )	1	6	0	0	7	0	
200852	13	362	20 ( 5.52 )	4	4	0	0	12	0	
200853	12	485	41 ( 8.45 )	11	7	0	0	23	0	
200901	13	486	65 ( 13.37 )	11	3	0	0	50	1	
200902	13	563	73 ( 12.97 )	12	3	0	0	52	6	
200903	13	516	117 ( 22.67 )	30	8	0	0	71	8	
200904	13	806	164 ( 20.35 )	65	18	0	0	69	12	
200905	13	833	138 ( 16.57 )	36	2	0	0	87	13	
200906	13	982	210 ( 21.38 )	50	5	0	0	137	18	
200907	13	1009	194 ( 19.23 )	47	4	0	0	122	21	
200908	13	1153	229 ( 19.86 )	25	2	0	0	158	44	
200909	13	1189	249 ( 20.94 )	42	4	0	0	148	55	
200910	12	942	153 ( 16.24 )	15	9	0	0	88	41	
200911	12	842	136 ( 16.15 )	18	6	0	0	62	50	
200912	13	596	93 ( 15.60 )	15	3	0	0	39	36	
200913	11	311	47 ( 15.11 )	1	0	0	0	23	23	
200914	12	397	33 ( 8.31 )	2	0	0	0	11	20	
200915	11	401	32 ( 7.98 )	1	3	0	0	13	15	
200916	11	301	27 ( 8.97 )	0	2	0	0	18	7	
200917	15	2908	249 ( 8.56 )	37	64	2	17	60	69	
200918	13	3032	272 ( 8.97 )	35	30	51	32	87	37	
200919	12	1221	69 ( 5.65 )	3	6	31	0	25	4	
200920	13	1039	116 ( 11.16 )	3	5	81	3	20	4	
200921	12	980	269 ( 27.45 )	1	6	221	4	36	1	
200922	10	1026	344 ( 33.53 )	1	1	293	1	46	2	
<b>Totals</b>	442	25122	3400 ( 13.53 )	471	211	679	57	1489	493	

**WHO Collaborating Laboratory Reports**  
**2008-2009 Influenza Season**  
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**Summary by Region**

**HHS Region 9 (AZ, CA, HI, NV)**

CDC Week	No. of Reporting Laboratories	No. of Specimens Tested	No. (%) of Specimens Positive for Influenza	Positive specimens by Type / Subtype						
				A(H1)	AH3	AH1SWINE	AUNSUB	AUNK	B	
200840	13	400	6 ( 1.50 )	2	0	0	0	2	2	2
200841	13	380	7 ( 1.84 )	4	0	0	0	2	1	
200842	13	387	20 ( 5.17 )	13	1	0	0	4	2	
200843	13	497	30 ( 6.04 )	19	0	0	0	10	1	
200844	13	323	18 ( 5.57 )	9	1	0	0	7	1	
200845	13	481	35 ( 7.28 )	22	2	0	0	10	1	
200846	13	533	26 ( 4.88 )	16	2	0	0	7	1	
200847	14	467	22 ( 4.71 )	15	0	0	0	7	0	
200848	13	623	41 ( 6.58 )	33	0	0	0	8	0	
200849	12	522	30 ( 5.75 )	22	1	0	0	7	0	
200850	12	576	32 ( 5.56 )	27	0	0	0	5	0	
200851	12	482	24 ( 4.98 )	21	1	0	0	2	0	
200852	12	621	21 ( 3.38 )	20	1	0	0	0	0	
200853	12	515	30 ( 5.83 )	28	0	0	0	2	0	
200901	12	534	35 ( 6.55 )	26	5	0	0	4	0	
200902	12	532	34 ( 6.39 )	26	5	0	0	2	1	
200903	12	608	43 ( 7.07 )	29	4	0	0	7	3	
200904	12	576	76 ( 13.19 )	43	11	0	0	9	13	
200905	12	613	76 ( 12.40 )	40	8	0	0	14	14	
200906	12	552	109 ( 19.75 )	52	13	0	0	18	26	
200907	12	702	81 ( 11.54 )	50	4	0	0	15	12	
200908	11	657	123 ( 18.72 )	67	12	0	0	20	24	
200909	11	593	106 ( 17.88 )	64	13	0	0	15	14	
200910	11	650	112 ( 17.23 )	54	17	0	0	16	25	
200911	10	625	108 ( 17.28 )	47	19	0	0	4	38	
200912	11	603	129 ( 21.39 )	55	22	0	0	8	44	
200913	11	534	63 ( 11.80 )	18	7	0	0	9	29	
200914	11	528	80 ( 15.15 )	23	17	0	0	6	34	
200915	11	490	52 ( 10.61 )	7	18	0	0	1	26	
200916	10	518	54 ( 10.42 )	12	5	1	0	6	30	
200917	11	2269	694 ( 30.59 )	97	222	114	12	64	185	
200918	8	1992	953 ( 47.84 )	80	171	169	0	448	85	
200919	7	820	276 ( 33.66 )	2	16	24	1	216	17	
200920	5	626	76 ( 12.14 )	2	2	48	0	16	8	
200921	5	711	85 ( 11.95 )	0	0	34	0	36	15	
200922	4	460	26 ( 5.65 )	0	0	0	0	20	6	
<b>Totals</b>	399	23000	3733 ( 16.23 )	1045	600	390	13	1027	658	

**WHO Collaborating Laboratory Reports**  
**2008-2009 Influenza Season**  
**Update: Friday, June 12, 2009**  
**Summary by Region**

**HHS Region 10 (AK, ID, OR, WA)**

CDC Week	No. of Reporting Laboratories	No. of Specimens Tested	No. (%) of Specimens Positive for Influenza	Positive specimens by Type / Subtype						
				A(H1)	AH3	AH1SWINE	AUNSUB	AUNK	B	
200840	5	131	2 ( 1.53 )	1	0	0	0	0	0	1
200841	6	145	5 ( 3.45 )	0	4	0	0	0	0	1
200842	6	128	1 ( 0.78 )	0	1	0	0	0	0	0
200843	6	208	0 ( 0.00 )	0	0	0	0	0	0	0
200844	4	202	0 ( 0.00 )	0	0	0	0	0	0	0
200845	6	154	3 ( 1.95 )	2	0	0	0	0	1	0
200846	5	174	0 ( 0.00 )	0	0	0	0	0	0	0
200847	6	184	3 ( 1.63 )	1	0	0	0	0	0	2
200848	5	142	2 ( 1.41 )	0	0	0	0	0	0	2
200849	4	182	0 ( 0.00 )	0	0	0	0	0	0	0
200850	6	238	4 ( 1.68 )	0	1	0	0	0	2	1
200851	6	278	8 ( 2.88 )	4	0	0	0	0	0	4
200852	6	154	0 ( 0.00 )	0	0	0	0	0	0	0
200853	5	225	11 ( 4.89 )	6	0	0	0	0	2	3
200901	6	246	16 ( 6.50 )	3	1	0	0	0	10	2
200902	5	262	15 ( 5.73 )	4	0	0	0	0	10	1
200903	4	241	21 ( 8.71 )	6	0	0	0	0	9	6
200904	6	325	20 ( 6.15 )	5	0	0	0	0	15	0
200905	6	325	58 ( 17.85 )	24	4	0	0	0	19	11
200906	6	403	61 ( 15.14 )	10	6	0	0	0	24	21
200907	6	450	113 ( 25.11 )	43	14	0	0	0	20	36
200908	6	434	130 ( 29.95 )	23	16	0	0	0	18	73
200909	6	463	162 ( 34.99 )	18	11	0	0	0	27	106
200910	6	521	139 ( 26.68 )	15	13	0	0	0	38	73
200911	6	638	162 ( 25.39 )	27	14	0	0	0	31	90
200912	6	517	108 ( 20.89 )	17	6	0	0	0	19	66
200913	6	421	97 ( 23.04 )	11	9	0	0	0	16	61
200914	5	357	39 ( 10.92 )	5	2	0	0	0	9	23
200915	5	309	35 ( 11.33 )	5	4	0	0	0	8	18
200916	5	308	45 ( 14.61 )	11	20	0	0	0	9	5
200917	4	639	170 ( 26.60 )	40	67	21	3	11	28	
200918	4	670	204 ( 30.45 )	58	43	72	2	13	16	
200919	4	321	101 ( 31.46 )	26	22	24	13	8	8	
200920	4	280	79 ( 28.21 )	9	16	35	7	6	6	
200921	3	134	26 ( 19.40 )	0	8	8	6	4	0	
200922	3	214	26 ( 12.15 )	0	1	17	1	7	0	
<b>Totals</b>	188	11023	1866 ( 16.93 )	374	283	177	32	336	664	

**PNEUMONIA AND INFLUENZA MORTALITY**  
**(Reported from 122 U.S. Cities)**  
**For the Week Ending June 6, 2009**  
**(Week 22)**

YEAR	WEEK	% OF DEATHS	EXPECTED	THRESH.	TOTAL DEATHS	PNEUMONIA DEATHS	INFLUENZA DEATHS
2008	40	6.33	5.99	6.43	11269	713	0
2008	41	6.08	6.06	6.49	11259	684	0
2008	42	6.40	6.13	6.57	10980	703	0
2008	43	6.63	6.21	6.65	11445	759	0
2008	44	6.67	6.30	6.74	11281	752	0
2008	45	6.29	6.40	6.83	10934	688	0
2008	46	6.37	6.50	6.93	10679	680	0
2008	47	6.43	6.60	7.03	12011	772	0
2008	48	6.70	6.70	7.14	8674	580	1
2008	49	6.47	6.81	7.24	13317	862	0
2008	50	6.87	6.91	7.34	12452	854	1
2008	51	6.82	7.01	7.44	12236	835	0
2008	52	6.71	7.10	7.53	8662	581	0
2008	53	7.08	7.19	7.62	10224	723	1
2009	1	6.98	7.27	7.70	14783	1031	1
2009	2	7.58	7.34	7.78	13467	1021	0
2009	3	7.09	7.40	7.84	12678	897	2
2009	4	6.97	7.46	7.89	13222	918	4
2009	5	7.15	7.50	7.93	12585	900	0
2009	6	6.86	7.53	7.96	12682	865	5
2009	7	7.42	7.54	7.98	11497	849	4
2009	8	7.20	7.55	7.98	12491	897	2
2009	9	7.39	7.54	7.98	12325	902	9
2009	10	7.02	7.52	7.96	12151	852	1
2009	11	7.09	7.49	7.92	12081	852	4
2009	12	7.30	7.45	7.88	12250	892	2
2009	13	7.47	7.39	7.83	11440	846	9
2009	14	7.82	7.33	7.76	11080	864	3
2009	15	6.83	7.25	7.69	12089	821	5
2009	16	7.19	7.17	7.61	11523	827	2
2009	17	6.91	7.08	7.52	11711	806	3
2009	18	7.17	6.99	7.42	11303	808	2
2009	19	6.66	6.89	7.32	11277	746	5
2009	20	6.66	6.79	7.22	11412	758	2
2009	21	6.32	6.69	7.12	9797	618	1
2009	22	6.44	6.58	7.02	10862	697	2

**U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)**  
**2008-2009 Influenza Season**  
**Update: Friday, June 12, 2009**  
**Summary for All Regions**

**National Baseline: 2.4%**

<b>CDC Week</b>	<b>Number Reporting</b>	<b>Patient Visits</b>	<b>Total ILI</b>	<b>% Unweighted ILI</b>	<b>% Weighted ILI</b>
200840	1384	530919	4818	0.907	0.938
200841	1470	571940	5839	1.021	0.988
200842	1497	577919	5881	1.018	0.982
200843	1502	594326	6324	1.064	1.031
200844	1521	594459	6759	1.137	1.103
200845	1535	607557	7103	1.169	1.088
200846	1531	592911	7426	1.252	1.123
200847	1543	606360	7671	1.265	1.202
200848	1505	476468	7636	1.603	1.368
200849	1528	594884	8672	1.458	1.314
200850	1523	575450	8648	1.503	1.313
200851	1395	476152	7726	1.623	1.456
200852	1465	401749	8681	2.161	1.811
200853	1468	422535	8582	2.031	2.134
200901	1521	577931	8951	1.549	1.458
200902	1494	561535	9253	1.648	1.627
200903	1551	580459	11585	1.996	1.978
200904	1534	603678	14228	2.357	2.433
200905	1556	633633	17972	2.836	2.957
200906	1542	637218	21197	3.326	3.572
200907	1517	614775	19901	3.237	3.400
200908	1519	650102	20844	3.206	3.520
200909	1510	614253	18301	2.979	3.201
200910	1492	604062	15558	2.576	2.768
200911	1460	593797	13142	2.213	2.475
200912	1431	595637	11242	1.887	2.021
200913	1393	593999	9374	1.578	1.824
200914	1371	550534	8446	1.534	1.640
200915	1361	542485	7055	1.300	1.292
200916	1381	559414	7420	1.326	1.402
200917	1324	592607	18079	3.051	2.752
200918	1331	564444	14293	2.532	2.269
200919	1237	504306	11878	2.355	1.791
200920	1166	493496	20080	4.069	1.990
200921	1079	439321	21550	4.905	2.072
200922	802	347525	14806	4.260	1.876
<b>Totals</b>	<b>51439</b>	<b>20078840</b>	<b>416921</b>	<b>2.076</b>	<b>1.954</b>

**U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)**  
**2008-2009 Influenza Season**  
**Update: Friday, June 12, 2009**  
**Summary by Region**

**HHS Region 1 (CT, ME, MA, NH, RI, VT) (Baseline: 1.5 %)**

<b>CDC Week</b>	<b>Number Reporting</b>	<b>Patient Visits</b>	<b>Total ILI</b>	<b>% Unweighted ILI</b>	<b>% Weighted ILI</b>
200840	119	34160	151	0.442	0.451
200841	127	35540	190	0.535	0.598
200842	125	34900	140	0.401	0.446
200843	129	38911	199	0.511	0.550
200844	131	37279	226	0.606	0.629
200845	129	38631	287	0.743	0.797
200846	127	37262	266	0.714	0.789
200847	129	35874	252	0.702	0.801
200848	123	26912	201	0.747	0.824
200849	120	36409	304	0.835	0.891
200850	122	33637	276	0.821	0.896
200851	122	27793	218	0.784	0.886
200852	120	19676	201	1.022	1.001
200853	116	21854	196	0.897	1.054
200901	116	29563	216	0.731	0.628
200902	116	30474	268	0.879	0.791
200903	117	30172	342	1.134	1.331
200904	118	33695	485	1.439	1.570
200905	120	36736	1063	2.894	3.584
200906	120	37477	1293	3.450	3.950
200907	122	34987	1055	3.015	3.037
200908	121	35644	940	2.637	2.786
200909	119	35107	580	1.652	1.695
200910	117	31921	458	1.435	1.454
200911	119	30930	423	1.368	1.503
200912	113	33120	335	1.011	0.981
200913	111	33554	294	0.876	0.892
200914	106	30537	204	0.668	0.701
200915	103	29366	114	0.388	0.385
200916	100	26887	132	0.491	0.568
200917	95	27297	369	1.352	1.503
200918	89	25732	287	1.115	1.132
200919	84	21529	228	1.059	1.376
200920	72	17706	137	0.774	0.715
200921	67	14285	149	1.043	1.305
200922	55	12873	249	1.934	3.194
<b>Totals</b>	<b>4039</b>	<b>1098430</b>	<b>12728</b>	<b>1.159</b>	<b>1.276</b>

**U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)**  
**2008-2009 Influenza Season**  
**Update: Friday, June 12, 2009**  
**Summary by Region**

**HHS Region 2 (NJ, NY) (Baseline: 2.9%)**

<b>CDC Week</b>	<b>Number Reporting</b>	<b>Patient Visits</b>	<b>Total ILI</b>	<b>% Unweighted ILI</b>	<b>% Weighted ILI</b>
200840	69	90864	1002	1.103	0.672
200841	81	93098	1154	1.240	0.975
200842	86	95437	1136	1.190	0.828
200843	89	94783	1126	1.188	0.819
200844	89	92229	1156	1.253	0.988
200845	94	99720	1335	1.339	1.211
200846	94	97266	1384	1.423	1.179
200847	96	95300	1431	1.502	1.232
200848	99	87341	1662	1.903	1.605
200849	95	100081	1934	1.932	1.737
200850	97	97787	1875	1.917	1.633
200851	95	95124	2103	2.211	1.634
200852	93	85104	2045	2.403	1.767
200853	89	89637	2196	2.450	2.031
200901	93	96953	2036	2.100	1.656
200902	90	93406	2007	2.149	1.694
200903	95	98414	2372	2.410	2.151
200904	92	96480	2720	2.819	2.729
200905	95	101908	2912	2.857	2.891
200906	94	101542	3187	3.139	3.454
200907	93	98152	3163	3.223	3.674
200908	86	97898	2696	2.754	3.936
200909	88	93685	2403	2.565	3.545
200910	88	95651	2478	2.591	3.932
200911	82	97132	2359	2.429	3.228
200912	82	98907	2176	2.200	2.468
200913	80	95609	1802	1.885	2.087
200914	71	90743	1624	1.790	1.946
200915	76	89704	1289	1.437	1.472
200916	79	93396	1279	1.369	1.361
200917	75	110108	4852	4.407	2.903
200918	70	99842	3229	3.234	2.222
200919	69	103180	4700	4.555	2.950
200920	62	117694	13809	11.733	5.500
200921	55	115225	15767	13.684	5.929
200922	40	102351	10939	10.688	5.159
<b>Totals</b>	<b>3021</b>	<b>3501751</b>	<b>111338</b>	<b>3.179</b>	<b>2.452</b>

**U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)**  
**2008-2009 Influenza Season**  
**Update: Friday, June 12, 2009**  
**Summary by Region**

**HHS Region 3 (DE, DC, MD, PA, VA, WV) (Baseline: 3.5%)**

<b>CDC Week</b>	<b>Number Reporting</b>	<b>Patient Visits</b>	<b>Total ILI</b>	<b>% Unweighted ILI</b>	<b>% Weighted ILI</b>
200840	132	72528	766	1.056	1.276
200841	148	80022	777	0.971	1.172
200842	146	80606	810	1.005	1.078
200843	149	81753	974	1.191	1.294
200844	153	78112	1039	1.330	1.552
200845	162	84957	1088	1.281	1.389
200846	155	81936	1103	1.346	1.507
200847	160	80230	1123	1.400	1.658
200848	160	71030	1222	1.720	1.828
200849	160	84056	1432	1.704	1.796
200850	163	83262	1431	1.719	1.898
200851	85	24904	394	1.582	1.475
200852	163	70868	1590	2.244	2.515
200853	160	43910	880	2.004	2.381
200901	163	85097	1445	1.698	1.661
200902	160	80271	1371	1.708	1.857
200903	167	84829	1608	1.896	1.964
200904	165	84285	2096	2.487	2.357
200905	167	88399	2556	2.891	2.876
200906	168	91651	3579	3.905	5.042
200907	160	90626	3668	4.047	5.010
200908	169	95838	4640	4.842	7.177
200909	168	87991	3416	3.882	4.658
200910	165	89620	2460	2.745	3.223
200911	165	88842	2264	2.548	3.655
200912	166	89851	2023	2.252	3.154
200913	160	87438	1921	2.197	3.848
200914	155	81988	1485	1.811	2.935
200915	151	76571	1249	1.631	2.681
200916	158	82675	1250	1.512	2.573
200917	155	89455	2183	2.440	2.099
200918	158	86646	2131	2.459	2.206
200919	151	84020	1515	1.803	1.769
200920	144	80986	1419	1.752	2.063
200921	132	73412	1252	1.705	1.640
200922	122	69534	1107	1.592	1.433
<b>Totals</b>	<b>5565</b>	<b>2888199</b>	<b>61267</b>	<b>2.121</b>	<b>2.579</b>

**U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)**  
**2008-2009 Influenza Season**  
**Update: Friday, June 12, 2009**  
**Summary by Region**

**HHS Region 4 (AL, FL, GA, KY, MS, NC, SC, TN) (Baseline: 2.0%)**

<b>CDC Week</b>	<b>Number Reporting</b>	<b>Patient Visits</b>	<b>Total ILI</b>	<b>% Unweighted ILI</b>	<b>% Weighted ILI</b>
200840	326	110693	1011	0.913	0.823
200841	347	130362	1726	1.324	1.000
200842	353	130637	1626	1.245	0.947
200843	362	138166	1770	1.281	0.989
200844	370	147228	2113	1.435	1.152
200845	355	140605	2141	1.523	1.159
200846	371	142585	2433	1.706	1.337
200847	377	149867	2433	1.623	1.339
200848	354	108633	2293	2.111	1.546
200849	370	137689	2501	1.816	1.428
200850	365	128538	2632	2.048	1.561
200851	355	127621	2394	1.876	1.399
200852	344	78554	2421	3.082	1.884
200853	350	97941	2444	2.495	1.599
200901	360	131048	2207	1.684	1.182
200902	358	129961	2272	1.748	1.349
200903	382	128837	3015	2.340	1.731
200904	377	149022	3787	2.541	1.989
200905	386	146327	4872	3.330	2.764
200906	365	151347	5997	3.962	3.499
200907	367	145639	5098	3.500	3.126
200908	362	155717	5513	3.540	3.162
200909	356	137054	4847	3.537	3.107
200910	356	137423	4165	3.031	2.482
200911	349	138677	3070	2.214	1.943
200912	343	142011	2566	1.807	1.468
200913	315	130305	1885	1.447	1.176
200914	320	122552	1826	1.490	1.166
200915	315	118542	1650	1.392	0.953
200916	324	130996	1683	1.285	0.888
200917	307	130809	3316	2.535	1.849
200918	322	125031	3065	2.451	1.834
200919	260	86057	1309	1.521	1.085
200920	234	79049	983	1.244	0.883
200921	266	79954	1221	1.527	1.058
200922	233	72802	972	1.335	0.935
<b>Totals</b>	<b>12256</b>	<b>4538279</b>	<b>95257</b>	<b>2.099</b>	<b>1.671</b>

**U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)**  
**2008-2009 Influenza Season**  
**Update: Friday, June 12, 2009**  
**Summary by Region**

**HHS Region 5 (IL, IN, MI, MN, OH, WI) (Baseline: 1.9%)**

<b>CDC Week</b>	<b>Number Reporting</b>	<b>Patient Visits</b>	<b>Total ILI</b>	<b>% Unweighted ILI</b>	<b>% Weighted ILI</b>
200840	228	82486	579	0.702	0.642
200841	238	87207	595	0.682	0.577
200842	243	89741	672	0.749	0.599
200843	245	91308	750	0.821	0.680
200844	245	88975	671	0.754	0.644
200845	253	93474	810	0.867	0.750
200846	248	89217	829	0.929	0.838
200847	248	91710	851	0.928	0.810
200848	245	69324	848	1.223	0.988
200849	242	85883	883	1.028	0.973
200850	249	86575	950	1.097	0.976
200851	234	72388	882	1.218	1.091
200852	232	55399	860	1.552	1.302
200853	232	60488	902	1.491	1.270
200901	251	84607	932	1.102	0.987
200902	244	78166	905	1.158	1.021
200903	237	80242	1117	1.392	1.276
200904	235	77994	1302	1.669	1.644
200905	246	93601	1839	1.965	1.929
200906	241	91630	2046	2.233	2.221
200907	236	85159	2113	2.481	2.485
200908	235	91488	2184	2.387	2.312
200909	232	90703	2458	2.710	2.576
200910	227	85563	2043	2.388	2.210
200911	224	86544	1587	1.834	1.782
200912	227	85137	1380	1.621	1.474
200913	216	82304	1166	1.417	1.253
200914	216	79741	986	1.237	1.096
200915	215	80830	931	1.152	0.877
200916	215	79943	885	1.107	0.891
200917	205	76961	1894	2.461	1.707
200918	195	70165	1526	2.175	1.626
200919	194	65330	1166	1.785	1.319
200920	183	60114	1154	1.920	1.479
200921	154	48377	922	1.906	1.395
200922	119	35893	647	1.803	1.492
<b>Totals</b>	<b>8129</b>	<b>2854667</b>	<b>42265</b>	<b>1.481</b>	<b>1.313</b>

**U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)**  
**2008-2009 Influenza Season**  
**Update: Friday, June 12, 2009**  
**Summary by Region**

**HHS Region 6 (AR, LA, NM, OK, TX) (Baseline: 4.6%)**

<b>CDC Week</b>	<b>Number Reporting</b>	<b>Patient Visits</b>	<b>Total ILI</b>	<b>% Unweighted ILI</b>	<b>% Weighted ILI</b>
200840	136	32696	513	1.569	1.570
200841	148	35216	560	1.590	1.603
200842	150	34555	470	1.360	1.392
200843	135	32768	511	1.559	1.529
200844	147	36070	730	2.024	2.167
200845	143	35258	541	1.534	1.624
200846	150	36137	522	1.445	1.487
200847	148	35053	633	1.806	1.855
200848	137	26537	554	2.088	2.178
200849	149	35887	641	1.786	1.781
200850	130	30972	536	1.731	1.638
200851	122	28522	700	2.454	2.468
200852	132	19926	637	3.197	2.875
200853	124	25174	688	2.733	4.334
200901	133	31807	710	2.232	2.357
200902	130	33159	946	2.853	3.162
200903	157	42477	1509	3.553	3.769
200904	148	38526	1825	4.737	5.282
200905	147	42798	2298	5.369	5.954
200906	157	41862	2511	5.998	6.501
200907	151	43187	2114	4.895	5.312
200908	149	42887	1765	4.115	4.261
200909	150	39774	1534	3.857	4.102
200910	148	38692	1248	3.225	3.612
200911	150	35830	1118	3.120	3.395
200912	142	36209	845	2.334	2.449
200913	146	34617	690	1.993	2.110
200914	151	35723	834	2.335	2.387
200915	146	36549	535	1.464	1.506
200916	158	37853	682	1.802	1.858
200917	149	41859	1807	4.317	4.198
200918	140	40406	1431	3.542	3.377
200919	145	37450	1194	3.188	3.080
200920	141	36169	884	2.444	2.485
200921	135	32328	807	2.496	2.557
200922	87	23950	418	1.745	1.790
<b>Totals</b>	<b>5111</b>	<b>1268883</b>	<b>35941</b>	<b>2.832</b>	<b>3.027</b>

**U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)**  
**2008-2009 Influenza Season**  
**Update: Friday, June 12, 2009**  
**Summary by Region**

**HHS Region 7 (IA, KS, MO, NE) (Baseline: 1.8%)**

<b>CDC Week</b>	<b>Number Reporting</b>	<b>Patient Visits</b>	<b>Total ILI</b>	<b>% Unweighted ILI</b>	<b>% Weighted ILI</b>
200840	62	14113	46	0.326	0.296
200841	65	12996	47	0.362	0.292
200842	70	16626	74	0.445	0.388
200843	70	16066	70	0.436	0.377
200844	67	15207	43	0.283	0.238
200845	70	15987	40	0.250	0.246
200846	65	12675	61	0.481	0.382
200847	71	15817	106	0.670	0.628
200848	68	11414	54	0.473	0.364
200849	70	15804	48	0.304	0.301
200850	69	15217	43	0.283	0.275
200851	66	10741	69	0.642	0.709
200852	66	7850	35	0.446	0.417
200853	67	9968	40	0.401	0.350
200901	69	14400	63	0.438	0.406
200902	67	14173	62	0.437	0.403
200903	67	14493	91	0.628	0.590
200904	67	13936	149	1.069	1.004
200905	67	15920	204	1.281	1.155
200906	67	16438	254	1.545	1.426
200907	66	16407	285	1.737	1.652
200908	65	16150	377	2.334	2.083
200909	67	16740	432	2.581	2.366
200910	67	16319	268	1.642	1.564
200911	64	14429	250	1.733	1.623
200912	62	12476	175	1.403	1.231
200913	66	15231	172	1.129	1.023
200914	60	11554	115	0.995	0.990
200915	63	14997	79	0.527	0.442
200916	59	13682	89	0.650	0.545
200917	56	14529	141	0.970	0.760
200918	55	13354	123	0.921	0.786
200919	49	9506	111	1.168	0.983
200920	48	10273	95	0.925	0.823
200921	41	7024	82	1.167	1.209
200922	20	4524	38	0.840	0.673
<b>Totals</b>	<b>2258</b>	<b>487036</b>	<b>4431</b>	<b>0.910</b>	<b>0.822</b>

**U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)**  
**2008-2009 Influenza Season**  
**Update: Friday, June 12, 2009**  
**Summary by Region**

**HHS Region 8 (CO, MT, ND, SD, UT, WY) (Baseline: 1.5%)**

<b>CDC Week</b>	<b>Number Reporting</b>	<b>Patient Visits</b>	<b>Total ILI</b>	<b>% Unweighted ILI</b>	<b>% Weighted ILI</b>
200840	74	35247	135	0.383	0.394
200841	72	34596	99	0.286	0.206
200842	77	35052	197	0.562	0.521
200843	78	36376	171	0.470	0.500
200844	74	35064	140	0.399	0.493
200845	79	38008	170	0.447	0.545
200846	76	37910	116	0.306	0.234
200847	73	38256	120	0.314	0.240
200848	76	27990	141	0.504	0.442
200849	75	36561	151	0.413	0.356
200850	76	36377	141	0.388	0.338
200851	71	33175	127	0.383	0.370
200852	71	24021	157	0.654	0.610
200853	72	27515	141	0.512	0.383
200901	76	38534	169	0.439	0.404
200902	70	35960	166	0.462	0.419
200903	75	38010	225	0.592	0.545
200904	74	39244	284	0.724	0.701
200905	70	40381	430	1.065	1.010
200906	71	39219	433	1.104	1.069
200907	62	35420	352	0.994	1.061
200908	72	40753	576	1.413	1.407
200909	73	40230	576	1.432	1.330
200910	70	39600	600	1.515	1.519
200911	68	39040	520	1.332	1.316
200912	63	32695	356	1.089	0.989
200913	63	53726	334	0.622	0.828
200914	57	32374	155	0.479	0.603
200915	61	34175	206	0.603	0.489
200916	61	34600	256	0.740	0.517
200917	56	34798	314	0.902	0.749
200918	63	37470	443	1.182	1.117
200919	62	35145	248	0.706	0.528
200920	59	34120	243	0.712	0.621
200921	58	29125	278	0.955	0.780
200922	14	2380	16	0.672	0.665
<b>Totals</b>	<b>2442</b>	<b>1263147</b>	<b>9186</b>	<b>0.727</b>	<b>0.688</b>

**U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)**  
**2008-2009 Influenza Season**  
**Update: Friday, June 12, 2009**  
**Summary by Region**

**HHS Region 9 (AZ, CA, HI, NV) (Baseline: 2.7%)**

<b>CDC Week</b>	<b>Number Reporting</b>	<b>Patient Visits</b>	<b>Total ILI</b>	<b>% Unweighted ILI</b>	<b>% Weighted ILI</b>
200840	201	51693	530	1.025	1.233
200841	206	54714	591	1.080	1.255
200842	203	52415	631	1.204	1.420
200843	199	56049	632	1.128	1.357
200844	200	56191	506	0.901	0.867
200845	203	52617	534	1.015	0.883
200846	201	50269	593	1.180	1.010
200847	197	56439	604	1.070	1.054
200848	198	41894	571	1.363	1.074
200849	206	55149	642	1.164	1.118
200850	209	55186	632	1.145	1.121
200851	203	48785	709	1.453	1.518
200852	202	36041	655	1.817	1.955
200853	211	40247	976	2.425	3.147
200901	213	58939	1079	1.831	2.181
200902	214	58508	1133	1.936	2.148
200903	211	55398	1166	2.105	2.442
200904	214	62346	1425	2.286	2.654
200905	212	59426	1591	2.677	2.858
200906	214	57287	1653	2.885	3.205
200907	216	56476	1709	3.026	3.100
200908	216	64875	1796	2.768	3.129
200909	215	62453	1672	2.677	2.960
200910	212	61414	1437	2.340	2.387
200911	202	55174	1205	2.184	2.176
200912	198	58016	1127	1.943	2.277
200913	195	52260	892	1.707	2.077
200914	198	56937	1026	1.802	1.723
200915	193	53863	858	1.593	1.603
200916	195	52676	1033	1.961	2.046
200917	194	59702	2963	4.963	5.406
200918	204	58157	1757	3.021	3.190
200919	194	55277	1214	2.196	1.854
200920	193	50687	1164	2.296	1.864
200921	148	35228	950	2.697	2.096
200922	95	20312	349	1.718	1.833
<b>Totals</b>	<b>7185</b>	<b>1913100</b>	<b>38005</b>	<b>1.987</b>	<b>2.128</b>

**U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)**  
**2008-2009 Influenza Season**  
**Update: Friday, June 12, 2009**  
**Summary by Region**

**HHS Region 10 (AK, ID, OR, WA) (Baseline:3.5%)**

<b>CDC Week</b>	<b>Number Reporting</b>	<b>Patient Visits</b>	<b>Total ILI</b>	<b>% Unweighted ILI</b>	<b>% Weighted ILI</b>
200840	37	6439	85	1.320	1.280
200841	38	8189	100	1.221	1.282
200842	44	7950	125	1.572	1.663
200843	46	8146	121	1.485	1.569
200844	45	8104	135	1.666	1.749
200845	47	8300	157	1.892	2.066
200846	44	7654	119	1.555	1.567
200847	44	7814	118	1.510	1.576
200848	45	5393	90	1.669	1.719
200849	41	7365	136	1.847	1.874
200850	43	7899	132	1.671	1.643
200851	42	7099	130	1.831	1.945
200852	42	4310	80	1.856	1.831
200853	47	5801	119	2.051	2.270
200901	47	6983	94	1.346	1.420
200902	45	7457	123	1.649	1.595
200903	43	7587	140	1.845	2.120
200904	44	8150	155	1.902	2.077
200905	46	8137	207	2.544	2.878
200906	45	8765	244	2.784	3.154
200907	44	8722	344	3.944	3.966
200908	44	8852	357	4.033	4.384
200909	42	10516	383	3.642	4.580
200910	42	7859	401	5.102	5.601
200911	37	7199	346	4.806	4.912
200912	35	7215	259	3.590	4.011
200913	41	8955	218	2.434	3.029
200914	37	8385	191	2.278	2.651
200915	38	7888	144	1.826	1.878
200916	32	6706	131	1.953	2.235
200917	32	7089	240	3.386	3.574
200918	35	7641	301	3.939	4.395
200919	29	6812	193	2.833	2.764
200920	30	6698	192	2.867	3.943
200921	23	4363	122	2.796	3.208
200922	17	2906	71	2.443	2.432
<b>Totals</b>	1433	265348	6503	2.451	2.639

WEEKLY INFLUENZA ACTIVITY ESTIMATE  
REPORTED BY STATE AND TERRITORIAL HEALTH DEPARTMENTS  
UNITED STATES INFLUENZA SURVEILLANCE SEASON 2008-09

UPDATE - Week 22 (May 31-June 6, 2009)

REPORTING AREA	WEEK 18	WEEK 19	WEEK 20	WEEK 21	WEEK 22
<b>REGION 1</b>					
MAINE	REGIONAL	LOCAL	LOCAL	LOCAL	REGIONAL
N.H.	REGIONAL	REGIONAL	SPORADIC	SPORADIC	LOCAL
VERMONT	SPORADIC	SPORADIC	SPORADIC	SPORADIC	LOCAL
MASS.	REGIONAL	REGIONAL	REGIONAL	REGIONAL	WIDESPR
R.I.	LOCAL	LOCAL	LOCAL	LOCAL	WIDESPR
CONN.	LOCAL	REGIONAL	REGIONAL	REGIONAL	WIDESPR
<b>REGION 2</b>					
N.Y.	REGIONAL	REGIONAL	REGIONAL	REGIONAL	WIDESPR
NEW JERSEY	WIDESPR	WIDESPR	WIDESPR	WIDESPR	WIDESPR
PUERTO RICO	NO REPT.	NO REPT.	NO REPT.	NO REPT.	LOCAL
VIRGIN IS.	NO REPT.				
<b>REGION 3</b>					
PENN.	LOCAL	REGIONAL	REGIONAL	WIDESPR	WIDESPR
DELAWARE	WIDESPR	SPORADIC	SPORADIC	WIDESPR	WIDESPR
MARYLAND	REGIONAL	LOCAL	REGIONAL	LOCAL	LOCAL
D.C.	LOCAL	LOCAL	LOCAL	LOCAL	LOCAL
VIRGINIA	WIDESPR	WIDESPR	WIDESPR	WIDESPR	REGIONAL
W. VIRGINIA	SPORADIC	NONE	NONE	SPORADIC	SPORADIC
<b>REGION 4</b>					
N. CAROLINA	LOCAL	LOCAL	LOCAL	LOCAL	LOCAL
S. CAROLINA	LOCAL	REGIONAL	REGIONAL	REGIONAL	REGIONAL
GEORGIA	WIDESPR	REGIONAL	LOCAL	LOCAL	LOCAL
FLORIDA	REGIONAL	LOCAL	SPORADIC	SPORADIC	SPORADIC
KENTUCKY	SPORADIC	SPORADIC	SPORADIC	SPORADIC	SPORADIC
TENNESSEE	REGIONAL	REGIONAL	REGIONAL	LOCAL	LOCAL
ALABAMA	REGIONAL	REGIONAL	REGIONAL	REGIONAL	REGIONAL
MISSISSIPPI	SPORADIC	SPORADIC	SPORADIC	SPORADIC	SPORADIC
<b>REGION 5</b>					
OHIO	SPORADIC	SPORADIC	SPORADIC	SPORADIC	SPORADIC
INDIANA	SPORADIC	SPORADIC	SPORADIC	SPORADIC	SPORADIC
ILLINOIS	LOCAL	REGIONAL	REGIONAL	REGIONAL	REGIONAL
MICHIGAN	LOCAL	LOCAL	LOCAL	LOCAL	LOCAL
WISCONSIN	LOCAL	LOCAL	SPORADIC	SPORADIC	LOCAL
MINNESOTA	SPORADIC	SPORADIC	SPORADIC	LOCAL	LOCAL
<b>REGION 6</b>					
ARKANSAS	SPORADIC	SPORADIC	SPORADIC	SPORADIC	SPORADIC
LOUISIANA	SPORADIC	LOCAL	LOCAL	SPORADIC	SPORADIC
OKLAHOMA	LOCAL	LOCAL	LOCAL	LOCAL	LOCAL
TEXAS	WIDESPR	WIDESPR	REGIONAL	REGIONAL	REGIONAL
NEW MEXICO	WIDESPR	REGIONAL	LOCAL	SPORADIC	LOCAL

REGION 7

IOWA	LOCAL	SPORADIC	SPORADIC	SPORADIC	SPORADIC
MISSOURI	SPORADIC	SPORADIC	SPORADIC	SPORADIC	SPORADIC
NEBRASKA	SPORADIC	SPORADIC	SPORADIC	SPORADIC	SPORADIC
KANSAS	LOCAL	LOCAL	LOCAL	LOCAL	LOCAL

REGION 8

NORTH DAKOTA	SPORADIC	SPORADIC	SPORADIC	SPORADIC	SPORADIC
SOUTH DAKOTA	SPORADIC	SPORADIC	SPORADIC	SPORADIC	SPORADIC
MONTANA	LOCAL	SPORADIC	SPORADIC	SPORADIC	SPORADIC
WYOMING	LOCAL	SPORADIC	SPORADIC	LOCAL	LOCAL
COLORADO	REGIONAL	LOCAL	SPORADIC	SPORADIC	NO REPT.
UTAH	REGIONAL	LOCAL	SPORADIC	REGIONAL	REGIONAL

REGION 9

ARIZONA	WIDESPR	WIDESPR	WIDESPR	WIDESPR	WIDESPR
NEVADA	REGIONAL	REGIONAL	LOCAL	LOCAL	LOCAL
CALIFORNIA	WIDESPR	WIDESPR	WIDESPR	REGIONAL	REGIONAL
HAWAII	REGIONAL	REGIONAL	REGIONAL	REGIONAL	REGIONAL
GUAM	NO REPT.				

REGION 10

IDAHO	LOCAL	SPORADIC	SPORADIC	SPORADIC	SPORADIC
WASHINGTON	LOCAL	LOCAL	LOCAL	LOCAL	LOCAL
OREGON	LOCAL	LOCAL	LOCAL	LOCAL	SPORADIC
ALASKA	REGIONAL	LOCAL	LOCAL	SPORADIC	SPORADIC

Activity Level	ILI activity*/Outbreaks		Laboratory data
No activity	Low	And	No lab confirmed cases <sup>†</sup>
Sporadic	Not increased	And	Isolated lab-confirmed cases
	Not increased	And	OR Lab confirmed outbreak in one institution <sup>‡</sup>
Local	Increased ILI in 1 region**; ILI activity in other regions is not increased	And	Recent (within the past 3 weeks) lab evidence of influenza in region with increased ILI
	2 or more institutional outbreaks (ILI or lab confirmed) in 1 region; ILI activity in other regions is not increased	And	Recent (within the past 3 weeks) lab evidence of influenza in region with the outbreaks; virus activity is no greater than sporadic in other regions
Regional (doesn't apply to states with ≤4 regions)	Increased ILI in ≥2 but less than half of the regions	And	Recent (within the past 3 weeks) lab confirmed influenza in the affected regions
	Institutional outbreaks (ILI or lab confirmed) in ≥2 and less than half of the regions	And	Recent (within the past 3 weeks) lab confirmed influenza in the affected regions
Widespread	Increased ILI and/or institutional outbreaks (ILI or lab confirmed) in at least half of the regions	And	Recent (within the past 3 weeks) lab confirmed influenza in the state.

\* ILI activity can be assessed using a variety of data sources including sentinel providers, school/workplace absenteeism, and other syndromic surveillance systems that monitor influenza-like illness.

<sup>†</sup> Lab confirmed case = case confirmed by rapid diagnostic test, antigen detection, culture, or PCR.

<sup>‡</sup> Institution includes nursing home, hospital, prison, school, etc.

\*\*Region: population under surveillance in a defined geographical subdivision of a state.